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UNIVERSITY OF OKLAHOMA,

Catalogue For 1898-99
and Announcement For 1899-1900.



Norman, Oklahoma.

1899								1900								1900							
September.								January.								May.							
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31	..	..	..	..	..	..		..	..	..	..	..	..	..		..	..	..	..	..	..	..	

CALENDAR.

1899.

First Semester begins Tuesday, September 12, 2 P. M. Enrollment of students.

Thanksgiving recess begins, Wednesday, November 29, 12:30 P. M.

Thanksgiving recess ends, Monday, December 4, 8 A. M.

Christmas Holidays begin Friday, December 22, 12:30 P. M.

1900.

Christmas Holidays end, Wednesday, January 3, 8 A. M.

First Semester Examinations begin Monday, January 29.

First Semester closes Friday, February 2.

Second Semester begins Monday, February 5, 2 P. M. Enrollment of students.

Washington's Birthday, Thursday, February 22.

Decoration Day, Wednesday, May 30.

Final Examinations begin Friday, June 1.

President's Reception to Graduating Classes Friday, June 1.

Baccalaureate Sermon, Sunday, June 3, 11 A. M.

Annual Concert of School of Music, Thursday, June 7, 8 P. M.

Commencement, Friday, June 8.

Meeting of Alumni Association, Friday, June 8, 4 P. M.

BOARD OF REGENTS.

GOVERNOR CASSIUS M. BARNES, <i>ex-officio</i>	Guthrie.
HON. HENRY E. ASP.....	Guthrie.
HON. C. O. BLAKE.....	El Reno.
HON. L. P. KING.....	Waukomis.
HON. GEORGE W. BELLAMY.....	El Reno.
HON. CHARLES L. BOTSFORD.....	Norman.

OFFICERS OF THE BOARD.

Hon. C. O. Blake, *President*. Hon. Charles L. Botsford, *Secretary*.

STANDING COMMITTEES.

EXECUTIVE: Governor C. M. Barnes, Honorable L. P. King,
President David R. Boyd.

HOUSE AND GROUNDS: Hon. Charles L. Botsford, Hon. Henry
E. Asp, Hon. Geo. W. Bellamy.

FACULTY.

DAVID ROSS BOYD, A. M., (University of Wooster) President.
Professor of Mental and Moral Sciences.

EDWIN DEBARR, M. S., Ph. D., (University of Michigan).
Professor of Chemistry and Pharmacy.

JAMES SHANNON BUCHANAN, B. S., (Cumberland University).
Professor of History and Civics.

JOSEPH FRANCIS PAXTON, A. M., (Harvard), A. B., (University of
Missouri). Professor of Greek and Latin.

FREDERICK STANTON ELDER, A. B., (Princeton).
Professor of Mathematics.

VERNON LOUIS PARRINGTON, A. M., (A. B. Harvard).
Professor of English and Modern Languages.

ALBERT HEALD VAN VLEET, B. S., (University of Wisconsin), Ph. D.,
(Leipzig, Germany).
Professor of Biology and Director of Territorial Geological
and Natural History Survey.

GRACE ADELENE KING, Instructor in Voice Culture and Oratory,
and Director School of Music.

* JEAN DECHAUVENET, Instructor on the Piano.

HARRIET JONES, Instructor on the Piano.

MARION McCUNE, B. S., (Avalon). Instructor in Voice and Tutor in
English Grammar.

LOUIS MEIER, Instructor on the Violin and Stringed Instruments.

RUTH HOUSE, Tutor in Latin and Arithmetic.

MILTON JAY FERGUSON, Tutor in Preparatory English.

MAUD RULE, Librarian.

**Resigned.*

ORGANIZATION AND ADMINISTRATION.

FOUNDATION: The University of Oklahoma is established by authority of an act of the Legislature of the Territory of Oklahoma, entitled "An act to locate and establish the University of Oklahoma." In 1892 the University was located in Norman, the County seat of Cleveland County, in compliance with the above act which provided that when ten thousand dollars in money and forty acres of land be donated to the Territory by the City of Norman, the institution should be located at that place.

RESOURCES AND SUPPORT: The University of Oklahoma is supported by a general tax of one-half mill upon each dollar of valuation on the assessment roll of the Territory. In addition to this, Section 13 in each township in what is known as the Cherokee Outlet was reserved from settlement for University, Normal School and Agricultural College purposes in the Proclamation of the President of the United States opening those lands to settlement. The lands so reserved have been appropriated for the above purpose by act of Congress and have been leased for the benefit of the institutions named.

BUILDING AND GROUNDS: Norman, the county seat of Cleveland County is a growing town of 3000 inhabitants, located on high ground. Its citizens are intelligent, enterprising people who are in hearty sympathy with educational progress. The building of stone and pressed brick contains twenty-one recitation and reception rooms and a large chapel. It is located on a fine campus of forty acres, lying at a good elevation overlooking the surrounding country. The campus and approaching boulevard have been set out in trees. At present there are twelve acres planted in elm, ash, locust, etc.

LIBRARY AND READING ROOM: The library is being put rapidly into shape for effective use. During the past year the work of cataloguing has been carried on and will be completed during the summer. At present there are 1445 accessioned books, 563 of which were added during the past year. In addition to these the library has about 3500 unaccessioned books, consisting for the most part of Congressional Reports, and reports of various United States government departments—Smithsonian, Agricultural, Treasury, etc.

The reading room, in connection with the library has on file

most of the newspapers of the Territory together with the following magazines:

1. North American Review.
2. Forum.
3. Philosophical Review.
4. Review of Reviews.
5. Public Opinion.
6. Outlook.
7. Literary Digest.
8. Scientific American.
9. Harper's Magazine.
10. Harper's Weekly.
11. Century.
12. McClure.
13. Cosmopolitan.
14. New England Journal of Education.
15. American Chemical Journal.
16. Classical Review.
17. The Etude.
18. Public Libraries.
19. Appleton's Scientific Monthly.
20. Werner's Magazine.

The files of all newspapers received by the Oklahoma Historical Society are open to the use of university students.

Donations of books and periodicals are invited. Many persons receive periodicals who would be glad to give them to the University. Arrangements for the exchange of duplicates have been made. Any persons having copies of any of the above or other reputable magazines will confer a favor by sending them to the President; or notify him of their disposition to make the donation, and the expense of transportation will be defrayed.

LABORATORIES AND APPARATUS.

CHEMICAL AND PHARMACEUTICAL: The departmental laboratories comprise three rooms in the west end of the building as follows:

1. A large room on the first floor used for general lectures and recitations.
2. A chemical and pharmaceutical laboratory fitted with tables for forty students; this laboratory is supplied with water and the modern appliances for laboratory work in chemistry and pharmacy.
3. A dispensing room containing the various drugs, chemicals, apparatus, etc., needed for the use of students.

BIOLOGICAL: The departmental laboratories comprise four rooms in the east end of the building as follows:

1. A large room on the first floor used for general lectures and for work in physiology. This room also contains the herbarium and may be darkened for the use of the lantern.

2. A histological laboratory; used likewise for work in embryology and bacteriology.
3. A large room in the basement for work in botany and vertebrate anatomy.
4. A general preparation room for work in taxidermy, coarse dissection, and the preparation of material in general.

In addition there is a dark room for work in photography. The laboratories are well fitted up for the work undertaken and additions in the way of apparatus and material for illustrating the subjects are constantly being made.

SOCIETIES: There are in the University at present three societies devoted to debating and parliamentary practice, as follows:

1. The Pierian: Organized in 1893 and devoted to general society work. Its doors are open to both sexes.
2. The Senate: Organized in 1897 by young men of the Preparatory School, for practice in debate and parliamentary drill.
3. The Forum: Organized in 1898; open only to college students and devoted to general society work as well to practice in parliamentary principles as used in legislative bodies.

ORATORICAL SOCIETY: The Oratorical Society is a subordinate organization of the Territorial Oratorical Society, the object of which is to stimulate an interest and secure practice in oratory. In the fourth annual contest held in Oklahoma City during the Christmas holidays of 1898, Mr. C. C. Roberts represented the University with an oration entitled "Storming the Bastile."

UNIVERSITY UMPIRE: During the past two years the students of the University have maintained the University Umpire, a semi-monthly paper intended as a register of college doings and a means of communication with the outside world. It has been placed on a fairly high grade of college journalism. By a rule of the faculty credits to an amount not in excess of two hours a week for any semester may be granted at the option of the Department of English for satisfactory work done on the Umpire either as member of the staff or as correspondent.

During the past year the staff has been as follows:

Editor,	-	-	-	-	-	V. L. Parrington.
Associate Editor,	-	-	-	-	-	Ruth House, '02
Literary Editor,	-	-	-	-	-	Maud Rule, '02.

Local Editors:

Jennie Threadgill, '02.	C. C. Roberts, '02.	Jay Ferguson, '01.
Business Manager,	-	-
	-	Paul F. Mackey, '01.

MORAL AND RELIGIOUS CULTURE: Religious exercises consisting of scripture readings, singing and prayer are held every school-day morning in the University Chapel. Two years ago a YOUNG MEN'S CHRISTIAN ASSOCIATION was organized by the students. During the past year the Association has held devotional meetings every Friday morning at 10:50, at which hour the other exercises of the University were suspended. In addition to these meetings the

Association carries on work along social lines and aims to become a practical help to the students in their university life. The president is Mr. C. C. Roberts, '02.

Most of the leading religious denominations have organizations in Norman; and these churches extend a cordial invitation to students to join with them in their work. Following is a table giving the church preferences of the students of the past year.

Christian.....	65
Methodist Episcopal.....	61
Baptist.....	58
Presbyterian.....	41
Methodist Episcopal South.....	33
Roman Catholic.....	7
Congregational.....	7
Cumberland Presbyterian.....	6
Seventh Day Adventist.....	5
Missionary Baptist.....	4
Friends.....	2
Synagogue.....	2
Episcopal.....	1
German Methodist.....	1
Christian Science.....	1
Holiness.....	1
Unitarian.....	1
United Brethren.....	1
No Church Preference.....	20

ATHLETICS: The athletics of the University are under control of the ATHLETIC ASSOCIATION, an organization of the students. Officers are elected annually. The business of the association is in the hands of an executive committee of nine, who are divided into three sub-committees each having oversight of some branch of athletics. The foot-ball and base-ball grounds and tennis courts, together with paraphernalia, are under the control of the Executive Committee. The grounds on the campus are excellent.

Thus far the athletics of the University have been confined to out-door sports. Base-ball has been in a flourishing condition for a number of years; foot-ball has been played in earnest two seasons; and during the past year tennis has been taken up by most of the students. In May a tournament was held in Kingfisher between teams from the University and Kingfisher College.

WHO MAY ENTER: Any young man or woman who has finished the course in a good country school may enter the Preparatory School of the University and find educational work and a welcome. The studies which must be completed before taking up the preparatory work are stated on page 34. The work indicated in the preparatory course of study or its equivalent will be required for entrance to the College of Arts. Examinations will be held at the

opening of the school year and on the two days following the close of the year. Any student having taken work in advance of the requirements mentioned will be given credit for such work and will be allowed to take the most advanced standing consistent with his requirements. All university work begins with the university year; a student prepared to take advanced work may enter at any time.

TUITION IS FREE: Students who have been bona fide residents of the Territory for one year prior to entering the University, receive tuition free in all departments thus far established except in the School of Music. In the courses in chemistry, biology and pharmacy, a small sum sufficient to cover the cost of materials is charged. Students not residents of the Territory are charged a tuition fee of eight dollars a semester, or fifteen dollars a year, payable in advance, in addition to the sums to be deposited by students who take courses in chemistry, biology or pharmacy. All students except those of the summer semester are required to pay an incidental fee of three dollars a semester. Students of the summer semester pay an incidental fee of five dollars a semester. These fees cover all charges by the University, and are made to defray the expenses of heating, lighting and keeping the building in order and repair.

BOARD AND ROOMS: Board, including furnished rooms, can be had at from \$2.50 to \$3.00 a week. Clubs are in operation which bring the expenses of living somewhat lower. The average cost of living is as low in Norman as in any place in the Territory. Unfurnished rooms and rooms for self-boarding may be had at reasonable rates. When students can do so it is a good plan to rent a small house of two or four rooms, furnish it, and board in one of the clubs. With reasonable economy the whole expense for a student may be made to range from \$140 to \$190 per year. It will be noted that the University furnishes practically free the services of a strong faculty, good library, well equipped laboratories; while private schools must charge tuition for these, and as yet are unable to furnish the excellent facilities presented by the University.

The following statements of actual expenses for half the past year handed in by two students give an excellent idea of the cost of living. These estimates are regarded as representative.

Example 1.—

Board per week.....	\$2.00
Room rent per week.....	.75
Laundry per week.....	.25
Athletics, etc., per week.....	.10
Entertainments, per week.....	.25
All other, per week.....	.25

Total.....\$3.60

For nineteen weeks.....	\$63.40
Books per semester.....	6.00
Tuition per semester.....	3.00
Laboratory fees per semester.....	3.00

Total.....\$80.40

Example 2.—

Board per week.....	\$2.00
Room rent per week.....	.75
Laundry.....	.35

Total per week.....	\$3.10
Fuel per semester.....	1.50
Incidental fee.....	3.00
Books from \$4 to \$6.....	5.00
Athletic expenses.....	.50
Y. M. C. A.....	.50
Literary.....	.25
Lecture course ticket.....	1.50

Total.....\$12.25

Board, room, laundry per semester.....\$68.90

Total for semester.....\$81.15

TO THE PUBLIC: The Board of Regents and Faculty cordially invite the attention of the public to the plans and purposes of the University of Oklahoma.

The people of the Territory pay a regular tax for the purpose of furnishing practically free to their young men and women instruction of the highest order. This conception will be carried into effect to the limit of the resources of the institution. Believing it to be as much a part of the public-school system of the Territory as any public school, the management proposes to unite with the public-school system of the Territory in making its work articulate with the work of the graded elementary schools so that the course of study provided by the Territory may be continuous from the lowest primary in the public-schools to the highest class in the University. It is their wish to furnish information to all who are interested in knowing about its work and resources, as well as to those who contemplate an advanced course of study. The president will be particularly interested in corresponding with anyone who may desire an education, but who may feel either that his means will not permit such a course, or that the time required for completing a course of study may be too long at his time of life. It is hoped that no one will conclude that he is too poor or too old to take a course of study until after he has gone over the matter in correspondence with the president or some member of the faculty. Since this institution is established and maintained by the Territory for its citizens we desire to have each family in the Territory inform us as to what the Uni-

versity can do for the young men and women who are to be its future citizens, and who will control the destiny of the future state.

DEPARTMENTS AND DEGREES.

The University Embraces the Following Departments.—

1. College of Arts.
2. School of Pharmacy.
3. School of Music.
4. Preparatory School.

The College of Arts Embraces,—

1. The Classical Course.
2. The Philosophical Course.
3. The English Course.
4. The Scientific Course.
5. The Pre-Medical Course (four years).

Courses 1, 2 and 3 lead to the degree of A. B. Courses 4 and 5 lead to the degree of B. S. For the prescribed work see page 19.

The School of Pharmacy covers two years work and leads to the degree of Pharmaceutical Chemist.

The School of Music Embraces,—

1. Preparatory Course.
2. Teachers Course.
3. Artists Course.
4. Graduate Course.

Upon completion of a given course certificates to that effect are granted by the University.

The Preparatory School covers a three years course leading to the Freshman class.

ADMISSION, COURSES OF STUDY, GRADUATION.

REGISTRATION IN THE UNIVERSITY: At the opening of each semester, each student must obtain a certificate of registration in person at the president's office. After registration, the student shall receive a card for the selection of studies for the semester. This card must be filled out with the approval of the major professor and returned to the president's office within ten days. After this date no change can be made during the semester except by petition to the faculty. Study cards not filed within ten days must be approved by all the instructors under whom work is taken.

ENROLLMENT IN CLASS: The student desiring to enter any class must present his certificate of registration to the instructor for enrollment at the beginning of each semester. Whether the student is qualified for enrollment in any particular class is a question to be decided by the instructor in charge. In general the requisites for taking any given course are noted under *Courses of Instruction* and *Entrance Requirements*.

CHANGE OF STUDIES: A student desiring to drop a study once taken up or to take up a new subject after the study-card has been filed must present to the committee on registration of studies, a petition for such change approved by the major professor and by the instructor whose subjects are to be taken or dropped. In general petitions so approved, if they do not give the student too few or too many hours and if presented within one month after the beginning of the semester are granted without further action. If presented at a later time they will be granted only for extraordinary reasons.

AMOUNT OF WORK: Fifteen hours per week of recitations or lectures or their equivalent in laboratory work is considered an average semester's work. Students may register for less than thirteen or more than eighteen hours only by permission of the committee on registration; but a student who has received a mark of failure or condition in the semester preceding may not register for more than fifteen hours except by permission of the committee on registration. Petitions for irregular hours should be made at the beginning of the semester.

Every hour for which credit is given is understood to represent approximately for the average student three hours of actual work per week through one semester. Thus in lecture or recitation work, one hour is allowed to the lecture or recitation and two hours of preparation or subsequent reading or study on the part of the student. Where the time is wholly occupied with drawing, field or laboratory work, three full hours per week for one semester are expected of the student for each hour that counts towards graduation. Where the drawing, field, or laboratory work is supplemented by systematic outside reading or experiments under the direction of the instructor, such reduction may be made in actual drawing, field, or laboratory work as may seem just to the department concerned.

REPORTS OF CLASS STANDING: The letters A, B, C, D, E, F, shall be used to designate the various grades of possible standing; A meaning excellent; B, good; C, fair; D, poor; E, condition; F, failure.

CONDITIONS AND FAILURES: A student conditioned in any subject may arrange with the instructor concerned for such supplementary examinations as will make good the deficiency; but such deficiency must be removed within one year after the deficiency has occurred, otherwise the condition will be considered a failure. Work reported as incomplete must be made up within one semester. A student failing in any subject can not go on with the subject, nor receive credit for the portion in which the failure is incurred, until the subject has been registered and taken over again in the class. A condition or failure or withdrawal from class without permission of the committee of registration of studies, limits the student to fifteen hours the semester following.

ABSENCE FROM RECITATION: Absence from recitation shall be of three kinds, namely: permitted, excused and unexcused. Per-

mitted absences are those due to leave of absence from the University granted by the president upon application by the student. Excuses for absence shall be granted by the president only, and shall be granted only for sickness or some other cause in every way out of the ordinary. Each student is allowed for one semester as many unexcused absences in any subject as he has recitations per week in that subject. One or more unexcused absences in excess of this number, or twice as many excused absences as he has recitations per week in the subject, will oblige the student to present himself to the instructor for a preliminary examination before he is allowed to enter the regular examination. Fifteen absences from recitations of any five hour course from any cause whatever, and proportionately for the shorter courses, shall deprive the student of the privilege of continuing his work with the class without special permission of the faculty and shall subject him to a preliminary examination before entering the regular examination.

These rules shall not apply to absence due to examination during examination week nor to the class as a whole.

REPORTS TO PARENTS AND GUARDIANS: At the close of each semester or whenever deemed advisable, the president will transmit to the student's parent or guardian a report of his class standing together with any delinquencies of conduct.

SEMESTER EXAMINATIONS:—

1. All students whether candidates for a degree or not are required to attend all examinations in the courses of study they pursue.

2. No student absent from any regular examination in any course of study that he may have pursued will be allowed to take such omitted examination before the next regular examination in that course. In cases of great urgency however, the faculty may grant students special permission to be examined at an earlier date.

ADMISSION TO ADVANCED STANDING: Students from other institutions of recognized collegiate rank who present letters of honorable dismissal, may be admitted to such standing and upon such terms as the faculty may deem equitable. Every such candidate is required to present, along with the catalogue of the institution in which he has studied, a full statement duly certified of the studies he has completed including studies passed or credited at the entrance.

All applications for advanced standing on the basis of work done before entering the university must be filed within one semester after matriculation; and such application will not be received at a later date.

Students from other institutions whose credentials are satisfactory are usually admitted without examination to a minimum standing of one year less than that to which they are entitled at the institution from which they came. At the same time they are admitted to such classes as their preparation seems to warrant. After one semester's residence, if their work has been thoroughly suc-

cessful and of sufficiently high grade, the terms of admission may be readjusted and such additional credit given as may be deemed just by the faculty; but no such student can finally be given advanced credit for more than three years' work, that is, ninety-five hours towards graduation.



COLLEGE OF ARTS.

Requirements For Admission.

1. Every applicant for admission to the Freshman class, who is not a graduate of the Preparatory School of this University or of some school of equal grade, will be required to stand an examination in the following subjects. Any applicant who may be deficient in work not exceeding ten hours in amount may be admitted to the Freshman class, under conditions set by the instructor in charge of the work in which the deficiency occurs.

1. **PHYSIOLOGY:** The work in Martin's *Human Body*, briefer course, or an equivalent.

2. **PHYSICS:** Gage's *Elements of Physics*, or an equivalent.

3. **BOTANY:** Gray's *Lessons* or an equivalent; an herbarium of fifty plants.

4. **ALGEBRA:** Milne's *High School Algebra* or equivalent.

5. **GEOMETRY:** Wentworth's *Plane and Solid Geometry* or equivalent.

6. **U. S. HISTORY:** Johnston's *School History of the United States*, or an equivalent.

7. **CONSTITUTION OF THE UNITED STATES:** As in Andrew's *Constitution*, Macy's or Townsend's.

8. **GENERAL HISTORY:** Myer's, Sheldon's, or Fisher's *General History*.

9. **ENGLISH GRAMMAR:** Including analysis of the English sentence.

10. **LOCKWOOD'S LESSONS IN ENGLISH:** With study of selected classics, based on Matthew's *Introduction to American Literature*.

11. **RHETORIC:** Genung's *Outlines of Rhetoric* or an equivalent.

12. **AMERICAN LITERATURE:** An accurate knowledge of three representative writers.

13. **LATIN:** Coy's *Latin Lessons* or Collar & Daniell's *First Latin Book*; four books of *Cæsar*; four orations of *Vicero*; and four books of *Virgil*; practice in prose composition and scansion.

PRE-MEDICAL COURSE.

II. The four years' course is a part of the College of Arts and leads to the degree of B. S. Students are admitted on the same conditions as above. Those taking the two years' course, not candidates for a degree, before matriculation will be examined in the following subjects:

1. In English, a composition of at least two hundred words on some subject of general interest. This will be criticized with reference to thought, construction, punctuation, spelling and handwriting.

2. In arithmetic, a thorough knowledge of common and decimal fractions, compound numbers, ratio and proportion.

3. In algebra, such questions as will test the student's knowledge of the fundamental operations, factoring and simple quadratic equations.

4. In physics, such questions as will test the student's knowledge of the elements of mechanics, hydrostatics, hydraulics, optics and acoustics.

5. In latin, an examination upon the work usually covered during the first year's study. In place of this examination students may present a certificate of graduation from a high school, normal school or academy of good standing; or evidence of having passed the entrance examination to a reputable literary or scientific college or university; or a state certificate to teach, granted by a state superintendent of public instruction.

ADMISSION BY CERTIFICATE.

As soon as the High Schools of the cities of the Territory can bring their work up to the requirements presented above, the president will be glad to enter into arrangements to admit graduates to the University on certificate of graduation from accredited High Schools. He invites correspondence on the part of superintendents and principals who wish to make their courses conform to college requirements. The requirement of but one language besides the English is made to open the way for the public schools to connect with the work of the University.

Summary of Courses.

(Classical, Philosophical, English and Scientific.)

FRESHMAN YEAR.*First Semester.*

CLASSICAL: Latin 1 4; Greek 1 5; English 1 3; Mathematics 1 4.

PHILOSOPHICAL: Latin 1 4; German 1 or French 1 4; English 1 3; Mathematics 1 4.

ENGLISH: German 1 or French 1 4; English 1 3; Mathematics 1 4; Elective in Science 4.

SCIENTIFIC: German 1 or French 1 4; Mathematics 1 4; Chemistry 1 4; Biology 1 5.

Second Semester.

CLASSICAL: Latin 2 4; Greek 2 5; History 1 4; Mathematics 2 a 3.

PHILOSOPHICAL: Latin 2 4; German 2 or French 2 4; History 1 4; Mathematics 2 a 3.

ENGLISH: German 2 or French 2 4; English 2 4; History 1 4; Mathematics 2 a 3.

SCIENTIFIC: German 2 or French 2 4; Chemistry 2 4; History 1 4; Mathematics 2 a and b 5.

SOPHOMORE YEAR.

First Semester.

CLASSICAL: Greek 3 5; Latin 3 4; English 3 4; History 2 4.

PHILOSOPHICAL: Latin 3 4; German 3 or 1 or French 1 or 3 4; English 3 4; History 2 4.

ENGLISH: German 3 or 1 4; French 1 or 3 4; English 3 4; History 2 4.

SCIENTIFIC: Chemistry 3 4; German 3 or 1 or French 1 or 3 4; Mathematics 3 4; History 2 4.

Second Semester.

CLASSICAL: Latin 4 4; Greek 4 4; English 4 or 5 3; Electives 4.

PHILOSOPHICAL: Latin 4 4; German 4 or 2 or French 2 or 4 4; English 4 or 5 3; Electives 5.

ENGLISH: German 4 or 2 4; French 2 or 4 4; English 4 or 5 3; Electives 5.

SCIENTIFIC: German 4 or 2 or French 2 or 4 4; Science Electives 6. Free Electives 5.

JUNIOR YEAR.

First Semester.

CLASSICAL: Economics 1 4; Electives in Science 4; Free Electives 8.

PHILOSOPHICAL: Economics 1 4; Electives in Science 4; Free Electives 8.

ENGLISH: Economics 1 4; English 6 3; Electives 9.

SCIENTIFIC: Electives in Science 10; Free Electives 5.

Second Semester.

CLASSICAL: Economics 2 4; Electives 11.

PHILOSOPHICAL: Economics 2 4; Electives 12.

ENGLISH: Economics 2 4; English 6 3; Electives 9.

SCIENTIFIC: Astronomy 1 4; Electives in Science 6; Free Electives 5.

SENIOR YEAR.

First Semester.

CLASSICAL: Philosophy 14; Electives 11.

PHILOSOPHICAL: Philosophy 14; Electives 12.

ENGLISH: Philosophy 14; Electives 12.

SCIENTIFIC: Electives in Science 10; Free Electives 5.

Second Semester.

ALL COURSES: Electives 15.

NOTE—The total number of hours required for graduation in any course is 125.

Black face figures above refer to courses, the others to the number of recitations per week.

Courses of Instructions.

DEPARTMENT OF PHILOSOPHY.

THE PRESIDENT.

1. **PSYCHOLOGY:** Text-Book—Lectures—Study of the Central Nervous System—Experimentation, 4 hours.
2. **LOGIC:** Lectures—Text-Book—Inductive study of scientific methods, 2 hours.
3. **ANCIENT AND MEDIÆVAL PHILOSOPHY:** Lectures and Text-Book, 2 hours.

DEPARTMENT OF HISTORY AND CIVICS.

PROFESSOR BUCHANAN.

1. **AMERICAN GOVERNMENT:** A systematic study of the origin and development of our Federal Government, considered historically. Required in all courses. Freshman. Text, Hinsdale. 4 hours, second semester.

2. **ENGLISH HISTORY:** History of the English nation from its beginning to modern times. Parallel reading assigned. Required in all courses. 4 hours, first semester.

3. **HISTORY OF THE PROTESTANT REFORMATION AND FRENCH REVOLUTION:** Half semester devoted to each. Junior or Senior elective. 4 hours.

4. **POLITICAL HISTORY OF THE UNITED STATES FROM 1750-1829:** The topical method will be pursued.

Texts: *American Politics*, Johnston; *Formation of the Union*, Hart; Schouler, Vols. I. II., and to XIII. Chapter, Vol. III.

Junior or Senior elective. 4 hours, first semester.

5. POLITICAL HISTORY OF THE UNITED STATES FROM 1829-1890: This course is a continuation of course 4 and must be preceded by it. Texts: *American Politics*, Johnston; *Division and Reunion*, Wilson; Schouler, Vol. III., from Chapter XIII., Vols. IV. V. Junior or Senior elective. *4 hours, second semester.*

6. CURRENT HISTORY: A study of current questions in history and economics. The leading magazines will be used as a basis for the course. The articles on history and economics will be assigned to members of the class for study and analysis. College students in history and economics will be admitted to this class.

Elective. *2 hours throughout the year.*

DEPARTMENT OF ECONOMICS.

PROFESSOR BUCHANAN.

1. ELEMENTS OF POLITICAL ECONOMY: Recitations and lectures. Required in all courses. Junior. Text: Walker. *4 hours, first semester.*

2. MONEY, TRADE AND INDUSTRY: Recitations and lectures. This course is a continuation of course 1, and must be preceded by it. Required in all courses. Junior. Text: *Money, Trade and Industry*, Walker. Required reading in "*Money*" Walker; *Money and the Mechanism of Exchange*, Jevon. *4 hours, second semester.*

3. TAXATION, TRANSPORTATION: Half semester devoted to each. Lectures and collateral reading. Junior or Senior elective, *3 hours.*

DEPARTMENT OF GREEK.

PROFESSOR PAXTON.

(All work is collegiate and elective.)

1 and 2. White's First Book; *The Anabasis*, Goodwin & White, begun. *5 hours throughout the year.*

3. THE ANABASIS, Continued. Readings in Grote. Prose Composition once a week. *5 hours, first semester.*

4. LYSIAS'S ORATIONS, Morgan. *4 hours.* Prose Composition.

5. HOMER'S ILIAD, Seymore. Study of the hexameter and antiquities. *4 hours.*

6. HERODOTUS: Reading in Grote. *3 hours, with a fourth at the pleasure of the instructor.*

7. THUCYDIDES: The Sicilian Expedition. Readings in Grote. *3 hours.*

8. READINGS IN THE GREEK DRAMA: *3 hours.*

The Greek Grammar of Goodwin or Hadley-Allen should be in the hands of the student.

DEPARTMENT OF LATIN.

PROFESSOR PAXTON.

1. **KELSEY'S SELECTIONS FROM OVID.** Study of verse and mythology. *4 hours.*
2. **LIVY,** Melhuish, Books XXI., XXII. Readings in Mommsen. *4 hours.*
3. Two or more of **CICERO'S ESSAYS.** *4 hours.*
4. **HORACE'S ODES AND EPODES,** Smith. Study of meters. *4 hours.*
5. **ELECTIVE COURSES IN TACITUS AND ROMAN DRAMA** will be offered when practicable. The Roman pronunciation is used. Greenough's Grammar is used for reference, though other standard ones will serve.

DEPARTMENT OF GERMAN.

1. **OTIS' ELEMENTARY GERMAN:** *5 hours, first semester.*
2. **EASY TEXTS:** Storm's *Immensee*, Eichendorff's *Aus dem Leben Eines Tagenichts*; Haupt's *Der Zwerg Nase*; Harris' *Composition*. *4 hours, second semester.*
3. **READING AND COMPOSITION:** Freytag's *Soll und Haben*; Buchheim's *Balladen und Romanzen*. *4 hours, first semester.*
4. **READING AND COMPOSITION:** *Wilhelm Tell*; *Maria Stuart*; *Faust, Part First*. *4 hours, second semester.*

DEPARTMENT OF FRENCH.

PROFESSOR PARRINGTON.

1. **EDGREN'S GRAMMAR:** *Super's Reader*. *4 hours, first semester.*
2. **EDGREN'S GRAMMAR,** continued; easy reading; composition. *4 hours, second semester.*
3. **ADVANCED READING; COMPOSITION; CONVERSATION:** Ease in reading newspapers and novels is required, together with the ability to understand with some readiness, spoken French, and to speak and write the language somewhat. *Three hours throughout the year.*

DEPARTMENT OF ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR PARRINGTON.

1. **THE PRINCIPLES OF COMPOSITION:** Lectures on the whole composition, paragraph, sentence, words; weekly themes. Required of all candidates for a degree. This course is the basis of all later work in composition and only under very exceptional

circumstances will work done elsewhere be substituted for it.

3 hours, first semester.

2. **MODERN ENGLISH PROSE:** An analysis of the style of Macaulay, DeQuincey and Carlyle; daily themes, fortnightly critiques; with library work. Required of those taking the English course. 4 hours, second semester.

3. **HISTORICAL GRAMMAR AND COMPOSITION:** Lounsbury's *History of the English Language*; together with lectures on the rhetorical use of words. 4 hours, first semester.

4. **A STUDY OF ARGUMENTATION:** Brief-drawing and oral delivery; daily themes; Baker's *Principles of Argumentation*. 3 hours, second semester.

5. **CHAUCE:** A study of his works as a whole and of his use of English; together with some account of Langland. Critiques and library work. A continuation of course 3. 3 hours, second semester.

Courses 4 and 5 are not given in the same year.

6. **ENGLISH LITERATURE FROM SPENCER TO CARLYLE:** A study in outline with special attention to the secondary dramatists; of the Elizabethan age, the classical movement, and the rise of the novel; lectures, discussions and reports. In 1899-1900 the following writers will be studied: Spenser, Marlowe, Ben Jonson, Milton, Dryden, Addison, Swift, Pope, Defoe, Richardson, Fielding, Dr. Johnson, Scott, Dickens, Thackeray, George Eliot, Macaulay, Carlyle. 3 hours, throughout the year.

7. **SHAKESPEARE:** A study of eight plays in chronological order, with special attention to the man Shakespeare and to the nature of his art. Lectures, discussions and a thesis. In 1899-1900 the following plays will be read: *Love's Labour's Lost*, *King Henry IV., Part I.*, *As You Like It*, *Romeo and Juliet*, *Hamlet*, *Macbeth*, *Lear*, *The Tempest*. 3 hours, first semester.

8. **NINETEENTH CENTURY POETRY:** A study of Wordsworth, Browning, Tennyson; with special consideration of the subject of imagination. Lectures, discussions and a thesis. 3 hours, second semester.

9. In addition to the above, special courses will be outlined for those prepared to carry on advanced work. The departmental library is being built up rapidly and students will find fairly adequate facilities.

ORATORY.

MISS KING.

1. **THE HISTORY OF ORATORY**, together with original work in the writing and delivery of orations, and the interpretation of *Macbeth*. Texts: Emerson, *Physical Training*; *Psychological Expression*, Vol. III. Elective. 4 hours, first semester.

DEPARTMENT OF MATHEMATICS.

PROFESSOR ELDER.

1. **HIGHER ALGEBRA:** Embracing the subjects of limits, series, logarithms, permutations and combinations, theory of equations, determinants, probabilities. Required in all courses. *4 hours, first semester.*

2. a. **TRIGONOMETRY:** Required in all courses. *3 hours, second semester.*

2. b. **SURVEYING:** Text book and lectures. Ample field work as arranged for by instructor. Required in scientific course, elective in others. *2 hours, second semester.*

3. **ANALYTIC GEOMETRY:** The determinant notation is used throughout. The course includes the general theory of the conic, envelopes, reciprocal polars, duality and the elements of projective geometry. Required in scientific course, elective in others. C. Smith *Conics. 4 hours, first semester.*

4. **DIFFERENTIAL AND INTEGRAL CALCULUS:** Elective. Edwards *Calculus. 4 hours, second semester.*

5. **ADVANCED CALCULUS:** Based on Williamson's *Differential and Integral Calculus. 4 hours, first semester.*

6. **ADVANCED CALCULUS:** Johnston, *Ordinary and Partial Differential Equations. 4 hours, second semester.*

7. Electives will be offered as required in Analytical Mechanics, Theory of Surfaces, Theory of Equations and Determinants, and Higher Plane Curves.

ASTRONOMY.

PROFESSOR ELDER.

A course in Descriptive and Historical Astronomy based on Young's texts is given to Juniors and Seniors on alternate years. Given in 1899-1900. *4 hours, second semester.*

DEPARTMENT OF CHEMISTRY.

PROFESSOR DEBARR.

1. **GENERAL CHEMISTRY:** Embracing a study of the elements, the common acids, and salts; the history, properties and character of the metals. Students are required to use the chemicals of the laboratory; a laboratory fee of \$2.50 must be deposited. Remsen's *Chemistry*, Briefer Course. *4 hours, first semester.*

2. **ANALYTICAL CHEMISTRY:** Including a study of the grouping of the more common metals; also the separation of the more common acids; deposit \$5.00; Prescott and Johnson's *Qualitative Chemical Analysis. 4 hours, second semester.*

3. **ANALYTICAL CHEMISTRY:** Oxidation and reduction, analysis of unknown substances. This course is required of students in Science and Pharmacy; deposit \$5.00; text-book same as in course 2. *4 hours, first semester.*

4. **QUANTITATIVE ANALYSIS:** Acidimetry and alkalinity, and gravimetric estimations. Lectures and laboratory work; deposit \$5.00. *4 hours, second semester.*

5. **ORGANIC CHEMISTRY:** See course 14 in School of Pharmacy.

DEPARTMENT OF BIOLOGY.

PROFESSOR VANVLEET.

1. **GENERAL BIOLOGY:** Introductory to both zoology and botany, and required as preliminary to all advanced work in either department. *Two recitations and eight hours laboratory work per week, first semester.*

The first half of the semester is devoted to unicellular and simpler forms of life; the latter half to a study of the chief types of structure of both plants and animals. Required of freshmen in general science course.

2. **COMPARATIVE ANATOMY OF THE VERTEBRATES:** This course consists of recitations and lectures, and dissections of typical representatives of the several classes of Vertebrates, with comparative studies of Vertebrate osteology, the nervous, circulatory and respiratory systems. Required of students in Pre-Medical course. *5 hours, first semester.*

3. **HUMAN PHYSIOLOGY:** Lectures and recitations. *Martin's Human Body.* Required of students in Pre-Medical course. *5 hours, first semester.*

4. **NORMAL HISTOLOGY:** Lectures and laboratory work. *Piersol's Normal Histology.* Should be preceded by course 2. Required of students in Pre-Medical course. *5 hours, first semester.*

5. **VERTEBRATE EMBRYOLOGY:** Lectures and laboratory work. The chick during the first four days, is studied. Should be preceded by course 4. *5 hours, second semester.*

6. **GENERAL BOTANY:** Lectures and laboratory work. A general survey of the histology and physiology of plants. *3 hours, second semester.*

7. **GENERAL BACTERIOLOGY:** Lectures and laboratory work. In this course special emphasis is laid upon the role which bacteria play in nature, various typical forms are studied with the microscope and in culture media. *2 hours, second semester.*

8. **MEDICAL BACTERIOLOGY:** A special course for pre-medical students, including, in addition to course 7, a detailed study of the most important forms of pathogenic bacteria, the methods for their isolation, examinations of soil, water, etc., and the testing of antiseptics, disinfectants, etc. *5 hours, second semester.*

PRE-MEDICAL COURSE.

With the rapid growth of the Territory and of the University, there is an increasing demand for the establishment of professional departments in the University where students may fit themselves for professional work. The pre-medical course as outlined aims to prepare the student for advanced standing in accredited medical schools. It will consist of a four years' course and a two years' course. The former may be taken in connection with the regular scientific course and leads to the degree of Bachelor of Science; the latter is independent of the College of Arts and is offered to meet the needs of those who desire to devote their entire time to strictly professional studies. Upon completion of the work they will receive a Certificate of Standing. The course aims to cover the first two years of work as given by the best medical schools and arrangements are being made to have the work accepted by the Western Medical Colleges.

The different lines of work taken up are as follows:

General Biology,
Anatomy, Human and Comparative,
Histology,
Physiology,
Embryology,
Bacteriology,
General Chemistry,
Qualitative Chemistry,
Quantitative Chemistry,
Organic Chemistry,
Physiological Chemistry,
Urinary Analysis,
Toxicology,
Materia Medica,
Microscopy,
Pharmacognosy,
Pharmaceutical Botany.

For specific statements of the work, see:

Department of Biology, Courses 1, 2, 3, 4, 5, 8.
Department of Chemistry, Courses 1, 2, 3, 4, 5.
School of Pharmacy, Courses 6, 9, 10, 11, 12, 15, 16, 18.

NOTE—In 1899-00 a course in human dissection will be organized. At the last meeting of the Territorial Legislature a bill was passed giving the University the right to use for purposes of dissection, unclaimed human bodies.

SCHOOL OF PHARMACY.

In the organization of this school the University has aimed to secure the co-operation of the pharmacists of the Territory. The prime object of the school is to furnish a foundation for the pursuit of the profession of pharmacy. The University does not demand practical experience for admission to the school but insists upon adequate preliminary training.

REQUIREMENTS FOR ADMISSION.

1. Candidates for admission should be eighteen years of age.
2. **ENGLISH:** Candidates will be examined as to their ability to use capital letters, punctuation marks, correct grammatical forms and correct spelling. Fair command of written English will be presumed.
3. **ARITHMETIC:** Fundamental rules, fractions, denominate numbers, percentage, the metric system, square and cube root.
4. **LATIN:** Coy's *First Latin Book*, or an equivalent, or one year of elementary German.

NOTE—Candidates who lack in the above requirements can pursue their studies in the regular classes of the Preparatory School.

COURSES OF INSTRUCTION.

First Year, First Semester.

1. **PHARMACY:** History of Pharmacopoeas, Physical Laws Governing Pharmacy. Galenical Compounds and Preparations; uses of heat, standards of purity; *five times each week*. Deposit for this course \$2.50. Text-book used, Remington's *Practice of Pharmacy*.

3. **GENERAL CHEMISTRY:** Recitations and laboratory work; same as General Chemistry in the Scientific Course in College; *four times each week*. Deposit for this course \$2.50. Text-book used, Remsen's *Chemistry, Briefer Course*.

5. **PHYSICS:** Recitations and experiments; Preparatory School, Natural Science, course 3.

7. **MICROSCOPY:** Examination of crude organic drugs for identification; *three times each week*, deposit \$2.00. Text-book used, Maisch's *Organic Materia Medica*.

Second Semester.

2. **BOTANY:** Study of plant systems, analysis; see Preparatory School.

4. **CHEMISTRY:** Qualitative Analysis; *four times each week*; Deposit for this course \$5.00; text-book used, Prescott and Johnson's *Qualitative Chemistry*.

6. **PHARMACOGNOSY:** The recognition of crude drugs and chemicals of the Pharmacopœia; *three times each week*; Deposit \$2.00; text-book used, Maisch's *Organic Materia Medica*.

8. **PHARMACY:** Pharmacopœial preparations, elementary processes of Pharmacy; solid and fluid extracts; distillations; uses of chemicals in manufacturing; *five times each week*; deposit for this course \$3.00; Text-book used, Remington's *Practice of Pharmacy*.

Second Year, First Semester.

9. **MATERIA MEDICA:** Medicines, their classifications, history, physiological effects and doses; *five times each week*; deposit for this course \$2.00; Text-book used, *The National Dispensatory*.

11. **PHARMACOGNOSY:** Recognition of official inorganic drugs; twice each week; deposit for this course \$4.00; Text-book used, *The United States Pharmacopœia*.

13. **QUANTITATIVE CHEMISTRY:** Volumetric and gravimetric determinations; Lectures and laboratory; *four times each week*; deposit for this course \$5.00; text-books used, Cheever's *Select Methods*, Fresenius' *System of Quantitative Analysis*.

15. **PHARMACY:** A continuation of course 8; *five times each week*; deposit for this course \$1.50; text-book used, Remington's *Practice of Pharmacy*.

Second Semester.

10. **MATERIA MEDICA:** A continuation of course 9; *five times each week*; deposit \$1.50; text-book used, *The National Dispensatory*.

12. **PHARMACOGNOSY:** Recognition of crude drugs; *three times each week*; deposit \$2.50; text-book used, *The United States Pharmacopœia*.

14. A study of elementary substances of the Marsh and Aromatic series; five times each week; deposit for this course \$2.00; text-book used, Perkins and Kipping's *Organic Chemistry*.

16. **PRESCRIPTIONS:** A study of the incompatibilities in prescription work; four times each week; deposit for this course \$5.00.

18. **TOXICOLOGY:** A study of poisons; lectures and laboratory; *twice each week*; deposit \$2.00.

TEXT BOOKS USED.

Practice of Pharmacy by Remington.....	\$6.50	\$7.50
General Chemistry by Remsen.....	1.25	
Organic Materia Medica by Maisch.....	3.50	
Qualitative Chemistry by Prescott and Johnson.....		3.50
The National Dispensatory.....	8.00	8.50
The United States Pharmacopoeia.....	3.50	
Organic Chemistry by Perkins and Kipping.....		2.00

LIBRARY AND EQUIPMENT.

The library contains many reference works on all the subjects offered in this department. The chemical and pharmaceutical laboratory contains all the crude organic drugs of the pharmacopoeia in a suitable case so arranged as to be of free access to all the students of Pharmacy who are classified in pharmacognosy and materia medica. A collection of alkaloids and their salts worth \$125.00 is also at the disposal of students of pharmacy and organic chemistry. The laboratory is provided with tables for forty students. Each student has his own apparatus and is at liberty to work extra hours as his time admits and when doing so he can have personal attention by the instructor.

Individual work is emphasized and made the basis of independent study in every course. Students who desire to take special courses without doing the regular work can find opportunity to do so and can also review work preparatory to taking the examination before the Board of Pharmacy to secure registration.

SCHOOL OF MUSIC.

CORPS OF INSTRUCTORS.

Grace Adelene King,
Director.

*Jean de Chauvenet,
Instructor on the Piano.

Harriet Jones,
Instructor on the Piano.

Marion McCune, B. S.,
Instructor in voice.

Louis Meier,
Instructor on the violin and stringed instruments.

* *Resigned. Succeeded by* Fred Mills Ross.

Courses of Study.

The work of the department divides into two distinct fields: that given in course for which no tuition is charged; that given out of course for which extra fees are required. The former is a part of the required work of the Preparatory School; the latter is wholly independent of other departments of the University.

Following are the prescribed courses of study:

I. MUSIC IN COURSE.

1. **CLASS A:** First principles of music; with sight-reading and chorus singing.

2. **CLASS B:** Continuation of class A; part-singing, advanced theory and elements of harmony; thorough-bass; lectures upon present-day music.

NOTE—In addition to the regular work opportunity is offered to secure additional training, as follows:

A. **CHORAL CLASS:** Practice of glees, anthems, choruses and folk-songs. Open to all students; *twice a week*.

B. (1) **LADIES' CHORUS.**

(2) **MALE GLEE CLUB.**

(3) **ORCHESTRA AND MANDOLIN CLUBS.**

II. MUSIC OUT OF COURSE.

1. Piano Department

The work falls into four courses covering seven grades:

1. **PREPARATORY COURSE:** Grades 1-4 inclusive; identical with work commonly done in the first stages.

2. **TEACHER'S COURSE:** Grade 5, covering in the main the following themes:

Bach *Inventions*.

Clementi *Gradus ad Parnassum*.

Bach *Lutes Anglaises*.

Mocheles *op. 70*.

Cramer *Etudes*, *Hans von Bulow*.

Taussig *Daily Studies*.

Sonatas and Concertos selected from Beethoven, Hummel,

Weber, Schumann, Rubenstein, Mendelssohn and Mozart.

Modern Technique: A complete course in Brockhoven's *Harmony*.

3. **ARTIST'S COURSE:** Grade 6. This course can not be taken until the teacher's course is completed. In the main the following studies will be required:

Chopin's *Etudes and preludes*.

Bach *Preludes and Fugues*.

Bach *Italian Concerto*, Bulow.

Other pieces selected from the classic composers, as well as some of the more celebrated piano concertos with orchestral accompaniments by Hummel, Beethoven, Schumann, Chopin, Liszt, Grieg and Windnig; continuation of the study of technique.

NOTE—Beginning with the school year of 1899-00, an extra course in harmony and counter-point, Chadwick, will be required for graduates in this course.

4. **GRADUATE COURSE:** Grade 7. The following studies or their equivalents will be required:

Bach *Preludes and Fugues*.

Chopin *Etudes*, continued, *Op. 10 and 25*.

Bach *Fantasia Chromatique and Fugue*.

Beethoven *Sonatas*:

1. *Sonata in D minor*.

2. *Moonlight sonata*.

3. *Sonata Pathetique*.

4. *Sonata Appassionata*.

5. *Sonata in G major Op. 31 No. 2*.

Chopin:

1. *Polonaise in Eb Op. 22*.

2. *Nocturnes*.

3. *Moss Korvski: Op. 34*.

Liszt:

1. *Tannhauser March*, Wagner.
2. *Polonaise in E Major*.
3. *Tarantelle*, Venezia E'Napoli.
4. *Rhapsodies Hongroises*, Nos. 2, 6, 14.

Gounod: *Faust Valse*.

Schubert:

1. *Erl King*.
2. *March Militaire*, Tausig.

Canon and Fugue.

NOTE—The head of the department of piano may substitute or change the above studies to suit the needs of the individual pupil.

Reports will be given at the close of each term stating progression in technique, advancement in music, interpretation and conception; this report is to be signed by the parents.

2. Vocal Department.

1. **PREPARATORY GRADE:** Placing of the voice; breathing exercises; comprehensive explanation of the vocal organs; blending of registers; scales, major and minor, dotted chromatic, etc.

Behnke's and Bonalde's Studies.

2. **SECOND GRADE:** Garcia's studies and methods, Conccone and Aprile. Also sacred songs in English and Latin. Delsarte throughout the entire grade.

3. **THIRD GRADE:** Concert selections from German and American composers; Marchesi's, Lablache and Panefka. One year of language, Latin, French, or Italian.

NOTE—Members of the graduating class must be able to play an accompaniment and to read vocal music at sight. They must have studied harmony one year, and must have read musical history and musical literature.

The teacher's course in voice comprises the first three years; the full graduation or artist's course consists of the four years course.

The special aim of the Garcia method used in this department of voice is first to develop the voice throughout its entire compass, then to perfect it. It teaches the proper use and extent of the registers of the voice, diaphragmatic breathing, and pure flexible tones. The voice under this training increases rapidly in volume and compass and the peculiarities presented by different voices are directed and modified each according to its own nature without the use of any printed form.

3. Musical History.

During the coming year lectures will be delivered by the head of the piano department on the following subjects. No fees are charged for attendance.

THE HISTORY OF NOTATION.

THE HISTORY OF THE SONATA.

Corelli to Hayden.

THE HISTORY OF THE SONATA.

Hayden to Beethoven.

THE HISTORY OF THE SONATA.

Schubert to the present day.

THE FUGUE.

THE HISTORY OF THE SONG.

THE ORCHESTRA. History of Orchestration.

THE SYMPHONY.

PIANOFORTE. Composers and Players.

BEACH.

HANDEL,

HAYDEN,

MOZART,

BEETHOVEN.

TUITION.

PIANO.

Per term of twenty lessons, with first instructor.....\$15.00

Per term of twenty lessons, with second instructor..... 12.00

Organ lessons, with second instructor..... 10.00

VOICE.

Per term of twenty lessons.....\$15.00

HARMONY AND COMPOSITION.

Per term of twenty lessons.....\$15.00

THEORY AND THOROUGH-BASS; TOGETHER WITH SIGHT-READING.

Per term of twenty lessons.....\$10.00

MANDOLIN, GUITAR, AND BANJO.

Per term of twenty lessons.....\$10.00

VIOLIN.

Per term of twenty lessons.....\$15.00

TEXT-BOOKS AND METHODS USED.

VOICE: Concone, Bonaldi, Aprile, Eehuke.

PIANO: Matthew's Graded Material, Mason's Touch and Technique, Heller, Bach, Loeschorn, Czerny, Lemoine, Cramer, Enckhausen, Turner, and Kenlak.

ORGAN: Selected.

THOROUGH-BASS: Johnson.

HARMONY AND COMPOSITION: Emory, Goetschin.

PREPARATORY SCHOOL.

The work in this school is intended to prepare students for the regular college work. In addition to this it is intended to be a substitute for the college course for those who are unable on account of age or limited means to take the latter.

REQUIREMENTS FOR ADMISSION.

The requirements for admission to this department are: A fair knowledge of English grammar, descriptive geography, arithmetic to percentage, ability to read and interpret ordinary English newspaper composition, to spell correctly, and to write a ready legible hand. A course of three years study is provided. It is the purpose of the University to connect its work with the public schools and in no sense to duplicate their work.

GRADUATES FROM RURAL SCHOOLS.

It is desired to give the graduates from rural schools full recognition for the work they have done in completing the graded course of study.

GENERAL REMARKS.

At this time there are many young men and women who came to Oklahoma at a time in their school life when they were masters of the merest rudiments of knowledge and on account of the arduous labors and privations of making a new home have been unable to attend school or to study. They now find themselves grown to manhood or womanhood with the school attainments of children. To these we say, come to the University—we will give you work suited to your abilities and you will find sympathy and encouragement both from instructors and associates.

Courses of Study.

MATHEMATICS.

1. **HIGHER ARITHMETIC:** Completed and reviewed. *4 hours.*
2. **ELEMENTARY ALGEBRA:** Through factoring, G. C. D., L. C. M. and fractions. *Sensenig's Elementary Algebra. 4 hours.*

3. **ALGEBRA:** Course 2 continued through the theory of exponents, quadratics, ratio and proportion, limits. 5 hours.

4. **PLANE GEOMETRY:** 5 hours.

5. **GEOMETRY:** Review of portions of plane and completion of solid geometry. 4 hours.

6. **ALGEBRA:** Partial review and continuation of course 3. 4 hours.

HISTORY AND CIVICS.

1. **UNITED STATES HISTORY:** Related readings. Johnston and McMaster. 4 hours.

2. **CIVIL GOVERNMENT AND CONSTITUTION:** Willoughby's *Rights and Duties of American Citizenship*. 4 hours.

3. **GENERAL HISTORY TO MEDIÆVAL:** Myers. 5 hours.

4. **GENERAL HISTORY COMPLETED:** Myers. 4 hours.

NATURAL SCIENCE.

1. **PHYSIOLOGY:** Martin's *Human Body*; briefer course, with laboratory. 4 hours.

2. **BOTANY:** Gray's lessons; laboratory work—each student to mount fifty specimens. 3 hours.

3. **PHYSICS:** Composition of matter, properties of matter, laws of falling bodies, mechanical powers and heat as given in Gage's *Elements of Physics*. Laboratory work. 5 hours.

4. **PHYSICS:** Sound, light, heat and electricity; laboratory work. 4 hours.

ENGLISH.

1. **A REVIEW OF ENGLISH GRAMMAR:** 5 hours.

2. **ENGLISH GRAMMAR:** Continued. 5 hours.

3. **LOCKWOOD'S LESSONS IN ENGLISH:** Weekly themes. 5 hours, first semester.

4. **AMERICAN CLASSICS:** Brander Matthew's *Introduction to American Literature*; weekly themes. 4 hours, second semester.

5. **RHETORIC:** Scott and Denney's *Composition-Rhetoric*; weekly themes. 3 hours, first semester.

6. **AMERICAN LITERATURE:** A careful study of three representative writers; weekly critiques. 4 hours, second semester.

LATIN.

1. **COLLAR AND DANIELL'S FIRST LATIN BOOK:** Drill in the inflections; practice in writing easy latin. 5 hours.

2. **COLLAR AND DANIELL:** *Latin reader*, continued. 5 hours.
3. **CÆSAR:** Kelsey's *Edition*, prose composition. 5 hours.
4. **COURSE:** 3 continued. 5 hours.
5. **CICERO:** Select orations and letters; Kelsey's *Edition*; Grammar; Prose composition. 4 hours.
6. **VIRGIL:** Versification, grammar, prose composition.

READING AND ELOCUTION.

1. **READING:** With special work in voice placing and phonetic drill. *Evolution of Expression*, Vols. III. and IV.
2. **ELOCUTION:** *Psychological Expression*, Vol. I.; Emerson's *Physical Training*.
3. **ELOCUTION:** Together with a study of *Hamlet*. Delsarte feather movements and physical training. *Psychological Expression*, Vol. II.

SYLLABUS OF PREPARATORY COURSES OF STUDY.

YEAR	SEMESTER ...	MATH.	SCIENCE	ENGLISH	HISTORY	LATIN	GEN. EXERCISE
Junior ... {	1	Arithmetic .4		Rev. Gram....5	U S. History .4	Latin Lessons.5	Vocal Music.....2
	3	Algebra 5		Eng. Gram....5	Civil. Gov.....4	Latin Lessons.5	Vocal Music.....2
Middle... {	1	Algebra 4	Physiology...4	Lockwood....5		Caesar.....5	Elocution.....2
	2	Geometry .5	Botany 4	Am. Class....5		Caesar.....5	Elocution, Expr..2.
Senior..... {	1	Geometry .4	Physics 5	Rhet. 3	Gen'l History .5	Cicero 4	
	2	Algebra 4	Physics 4	Amer. Lit....4	Gen'l History .5	Virgil 5	

The figures opposite each study indicate the number of recitations per week.

LIST OF STUDENTS, 1898-9.

College of Arts.

GRADUATE STUDENTS.

- * Honnold, Arthur, B. S. St. John's Lexington.
Lutheran College, 1898.
Hume, Carleton Ross, A. B., 1898. Anadarko.

UNDERGRADUATE STUDENTS.

SENIORS.

- | | |
|---------------------------|----------|
| Cole, Lawrence Wooster | El Reno. |
| Hefley, Jesse Lehmanowsky | Norman. |
| Helvie, Roscoe Shively | Norman. |

JUNIORS.

- | | |
|--------------------------|---------|
| Butcher, Nahum Ellsworth | Norman. |
| Hefley, John Tillman | Norman. |

SOPHOMORES.

- | | |
|----------------------------|-------------|
| Barbour, Kate Clytie | Norman. |
| Buxton, Walter Henry | Norman. |
| Clapham, Mary Alice | Norman. |
| Ferguson, Milton Jay | Norman. |
| Hayden, Beauford Emmet | Shawnee. |
| Mackey, Paul Franklin | Pond Creek. |
| Roberts, Columbus Clifford | Orie. |

FRESHMEN.

- | | |
|--------------------------|-----------------|
| Bogle, Maxwell Clyde | Norman. |
| Brittain, Alice Emmaline | Norman. |
| Bucklin, George Augustus | Winfield, Kans. |
| Cooksey, Fannie Belle | El Reno. |
| Hayden, Edith Adelia | Shawnee. |
| House, Virginia Ruth | Sac and Fox. |
| Johnston, Edward Wilson | Cushing. |
| Meeker, Charles H. | Lockhart. |

McGraw, Joseph Henry	Ponca City.
Medlock, Newton Emmett	Norman.
Medlock, Stella	Norman.
Rule, Maud	Kildare.
Samuels, Fentyne	El Reno.
Sell, Eula Esther	Wynnewood, I. T.
Watson, Sylvia Lora	Norman.

SPECIAL STUDENTS.

Choate, Anna Jay	Norman.
Dunn, Robert Roscoe	Oklahoma City.
Threadgill, Jennie Eliza	Norman.
Wolf, Henrietta	El Reno.

PRE-MEDICAL STUDENTS.

Breese, Harry Elwood	West Point.
Clapham, Elizabeth Hannah	Norman.
Hume, Raymond Robinson	Anadarko.
Martin, J. Lem	Noble.

School of Pharmacy.

II. YEAR.

Briggs, Frank Ray	Pawnee.
Stone, Sarah Effie	Choctaw City.
Taylor, Oda Lewis	Norman.
Teeter, Ora Oliver	Norman.
Wood, Minnie Ola	Enid.

I. YEAR.

Adams, Edwin	Kingfisher.
Asbury, John Henderson	Lexington.
Britt, Columbus Anderson	Norman.
Corry, James Frank	Enid.
Courtney, William Solon	Quincy.
Davis, Alfred Claude	Weatherford.
Fees, Logan Loyal	Parkland.
Gilbert, Clay	Augusta.
Martin, Roscoe Lloyd	Shawnee.
Posey, Joseph	Sacred Heart.
Shelton, Wiley Greenleaf	Yukon.
Snapp, Alvin Parker	Norman.
Sommers, Horace Albert	Norman.
Stoops, James Norval	Norman.
Sturgeon, Nelson	Miami, I. T.
Taft, Martin Garber	Garber.

School of Music.

Blake, Mania Etta, v, p.	- - - - -	Norman.
Brittain, Alice, v.	- - - - -	Norman.
Buffington, Ethel, v, p, h.	- - - - -	Enid.
Choate, Anna Jay, p, h.	- - - - -	Norman.
Clapham, Hannah Elizabeth, v.	- - -	Norman.
Corn, Minnie Ella, v, p, h.	- - - - -	Norman.
Covington, Moline, v.	- - - - -	Canadian.
Dunn, Robert Roscoe, p, h.	- - - - -	Oklahoma City.
Dunn, Robert William, p.	- - - - -	Anadarko.
Freeman, Nora Anna, p, h.	- - - - -	Norman.
Haycraft, Mamie Anette, v.	- - - - -	Tonkawa.
House, Ruth, v.	- - - - -	Sac and Fox.
Longwell, Elbert, p.	- - - - -	Norman.
Longwell, Sina, p.	- - - - -	Norman.
Prickett, Hannah, v.	- - - - -	Norman.
Rutledge, Mrs. Cora, v, h.	- - - - -	Norman.
Smith, Mertie Cullom, p, h.	- - - - -	Norman.
Threadgill, Jennie, h, p.	- - - - -	Norman.
Trimble, Pearl, p.	- - - - -	Norman.
VanWinter, Gertrude, h, p.	- - - - -	Oklahoma City.
Watt, Maude, v, h.	- - - - -	Enid.
Willis, Eva, v.	- - - - -	Canadian.
Wolf, Etta, v, p.	- - - - -	Kingfisher.

In the above "p" stands for work on piano, "v" stands for voice culture, and "h" stands for work in harmony and composition.

Preparatory School.

SENIOR.

Applewhite, Gardner Henry	Tecumseh.
Barnett, Rosa Margene	Norman.
Bennett, Winifred Euna	Norman.
Blake, Mania Etta	Norman.
Davis, Thomas Jefferson	Frisco.
Dunn, Robert William	Anadarko.
Edwards, Burt	Norman.
Edwards, Alba M.	Augusta.
Flesher, Charles Cuthbert	Norman.
Ford, Harry Mark	Perry.
Galbraith, Nelle	Terrell, Texas.
Gorton, Willard Livermore	Pawnee.
Haycraft, Mamie Annette	Tonkawa.
McCartney, Claude Blaine	Moore.
Miller, Lillie Kate	Norman.
Monroe, Florence	Norman.

Morgan, Porter Heath	Perry.
Mortar, William Arthur	Norman.
Overstreet, Clara	Norman.
Park, Maude Lee	Norman.
Prickett, John Sanford	Norman.
Ray, John Allen	Perry.
Seawell, Wiley Porter	El Reno.
Sloan, Effie May	Hoyle.
Steele, Ida Maria	Norman.
Stiles, George	Oklahoma City.
Stratton, Zoe A.	Ingalls.
Utt, Gladdie	Yukon.
Wallace, Willie Francis	Norman.
Williams, Florena	Norman.
Yates, Daisy	Norman.

MIDDLE.

Acers, Agnes Amber	Norman.
Acers, Ralph Charles	Norman.
Ambrister, Maude Anna	Norman.
Bailey, John Gee	Clare.
Barrow, Ida May	Norman.
Bogle, Euphemia	Norman.
Choate, James Roy	Norman.
Corn, William Ennis	Norman.
Cromwell, Mary Emma	Mustang.
Crow, Ray	Osborne.
Cunningham, Grace	Norman.
Cunningham, Orval J.	Enid.
DeVilliers, Henry Livingston	Norman.
Dillon, Lloyd	Zangwell.
Dillon, Claude Vesper	Zangwell.
Doughty, Henry George	Norman.
Durham, Thomas Ewing	Tecumseh.
Ferguson, Burg	Norman.
Gray, Josephine	Perkins.
Hendricks, John	Norman.
Jenkins, Delbert White	Guthrie.
Kimberlin, Ezelle B.	Norman.
Kirk, Charles Townsend	Moore.
Martin, Robert Clyde	Perry.
Maxey, Ora Selma	Shawnee.
McElhinney, Ray Bruce	Chandler.
Medlock, John Charles	Norman.
Merkle, Fred	Norman.
Paine, Norman Walker	Moral.
Pinnick, Addie Belle	Norman.
Reynolds, Roscoe Conkling	Enid.
Roberts, William Roy	Orie.
Short, Harvey Louis	Norman.
Smith, John Lee	Norman.
Sullivant, Marue	Belville, Ark.
Tate, Harry Charles	Norman.
Tate, Ralph Crompton	Norman.
Tribbey, Thomas Henry	Burnett.

Vanderslice, Edward Moore	Union City.
VanWinkle, Paul Henry	Shawnee.
Wallace, John Houston	Okeene.
Wallace, Charles Stuart	Norman.
Wherry, William Anderson	Arlington, Iowa.
Williams, Etta	Norman.

JUNIOR.

Alexander, Thomas Martin	Norman.
Allstott, R. Dell	Purcell.
Armstrong, Effie Almed	Norman.
Baker, James	Norman.
Baumgartner, John, Jr.	Glenella.
Bickel, Elsie	Enid.
Bodine, James Harold	Oklahoma City.
Bottom, Elwood	Cloud Chief.
Brown, Earl E.	Yukon.
Bryan, Mamie Edna	Norman.
Burke, Edmund Hiatt	Norman.
Burks, Raydon Elliott	Pauls Valley.
Cade, Cash Marcellus	Shawnee.
Carter, Birdie Ethel	Liberty.
Clayton, John Thomas	El Reno.
Conley, Cornelia	Lexington.
Conner, Wilbur W.	Gordon, Texas.
Courtney, Orval Adderson	Quincy.
Cox, Orvil	Norman.
Crumpacker, George B.	El Reno.
Darrow, George Wilson	Mustang.
Davis, Benjamin Whitlock	Norman.
Davis, Charles Walter	Frisco.
Davis, Rufus Uriel	Frisco.
Didlake, Madison Edwards	Choctaw City.
Ewing, Robert Lee	Norman.
Ewing, Allen	Norman.
Fisher, Clarence Willard	Norman.
Gambill, Jesse Columbus	Augusta.
Gerlach, Alfred	El Reno.
Gilbert, Paul	Augusta.
Grimwood, Jessie Laverne	Brown.
Hayes, Edwin L.	Norman.
Hefley, Nellie Clementine	Norman.
Hlavaty, Benjamin Anthony	Oklahoma City.
Holcomb, Cecil May	Norman.
Hooper, Lulu	Norman.
Horton, Mattie Edith	Thomas.
Hughes, Lulu Belle	Norman.
Hull, Lucy Steele	Norman.
Hurd, Georgia	Norman.
Hurd, Jennie	Norman.
Ingle, Leroy	Norman.
Jackson, Edgar	Fox, I. T.
Jicha, Marie	Noble.
Kelley, William Pliny	Oklahoma City.
Kerwood, Clyde	Okeene.

King, Evalena	Norman.
Kingkade, Andrew Martin	Norman.
Lain, Margie Kate	Norman.
Larkin, Pierce	Carwile.
Lee, Ella Rheuemma	Norman.
Lee, Margaret Lenora	Norman.
Liebmman, Earnest Andrew	El Reno.
Lisle, Sally Ann	Quincy.
Loomis, Alta Vivian	Norman.
Loomis, Addie Clara	Norman.
Love, Mamie	Norman.
Lowry, Bertha Elvira	Council.
Lowry, Carrie Josephine	Council.
Magill, Laura	El Reno.
Mans, Isador Peter	Kildare.
Mathis, Charles Jasper	Enid.
McCartney, Roscoe Ida	Moore.
McCoy, Clara Augusta	Norman.
McDaniel, Job Miller	Norman.
Means, Stephen Douglass	Unio. City.
Meece, William Franklin	Polk.
Merkle, John Arthur	Norman.
Merrill, Maggie	Wanette.
Michael, Rosalia	Orie.
Miller, Stephen Tucker	Norman.
Monroe, Mary Anna	Norman.
Mundell, Mark Abner	Westboro, Mo.
Muransky, Nellie Josephine	Shawnee.
Neaves, Earnest Carl	Cleburn, Texas.
Nelson, Lila Elizabeth	Enid.
Nelson, Stella Cornelia	Enid.
Nelson, Cyrus William	Enid.
Nichols, Samuel Henderson	McGee, I. T.
Peebles, Hilton Samuel	El Reno.
Reeds, Chester Albert	Norman.
Reeds, Clarence	Norman.
Ringo, Ollie May	Norman.
Rogers, Maggie A.	Norman.
Shelton, William Randolph	Yukon.
Shock, Guy	Council.
Short, Daniel Webster	Norman.
Smalley, Bernice Marguerite	Moran.
Speyers, Michael Summers	Brown.
Spitler, Jennie Lillian	Thurston.
Springer, Lee Van	Oklahoma City.
Stinnett, William Forrest	Fox, I. T.
Taft, George James	Garber.
Taylor, Mary Ruth	Norman.
Taylor, Iza Dot	Norman.
Tennant, Gertrude Emaline	Moran.
Thomason, Otto Monroe	Perry.
Tosh, Harry B.	Nardin.
Tribbey, Mattie Annie	Burnett.
Troster, David Benjamin	Berry.
Tucker, Evaline Anna	Norman.
Turner, Archie Thomas	Shawnee.
VanWinkle, Gretchen	Shawnee.

VanZandt, Maggie L.	Norman.
Viers, Edward Seymore	Lahoma.
Weir, Dick Thompson	Hall.
Wheeler, Henderson Floyd	Cloud Chief.
White, Arthur	El Reno.
Williams, Katherine	Norman.
Williams, Lee	Norman.
Wintin, Leota King	Norman.
Witt, Washington Dunn	Linden.
Young, John Otis	Newkirk.

Summer Semester, 1899.

Alford, Maggie	Henderson.
Ambrister, Joseph C.	Norman.
Ambrister, Samuel	Norman.
Arrington, Roscoe Conkling	Tecumseh.
Austin, Robin L.	Buckhead.
Austin, Eli H.	McLoud.
Ball, Henry Hermon	Oklahoma City.
Balmer, F. May	Cleveland.
Barnett, Rosa	Norman.
Bennett, W. F.	Norman.
Blaisdell, Heber	Bloomer.
Bond, Rufus Thomas	Burnett.
Brannon, Thomas A.	Norman.
Bucklin, George A.	Winfield, Kans.
Burford, Gertrude	Norman.
Cade, Cassius M.	Shawnee.
Chilas, Henry	Lexington.
Clayton, John T.	El Reno.
Clifford, Lydia	Lexington.
Cooksey, Fannie Belle	El Reno.
Corn, Ennis	Norman.
Corn, Lena E.	Norman.
Cowan, James A.	Norman.
Cutlip, Guy	Tecumseh.
Dailey, Charles Earnest	Oklahoma City.
Dervage, Llewellyn	Caldwell, Kans.
Dixon, Nona	Union City.
Durham, Hattie	Tecumseh.
Durham, Thomas E.	Tecumseh.
Durham, William	Tecumseh.
Fenner, Mrs. Lulu B.	Cleveland.
Flatt, Jackson Glenn	Simon, I. T.
Furray, Henry M.	Norman.
Gray, Josephine	Perkins.
Hancock, Herschell D.	Mangum.
Haney, Aura A.	Adell.
Haney, Gertie Iris	Adell.
Harris, William T.	Lexington.
Hefley, John T.	Norman.
Hendrickson, Mrs. Effie	Yukon.
Hickam, John P.	Perkins.

Hickam, Mrs. Flavilla	Perkins.
Honnold, Arthur B.	Lexington.
Hough, Cora	Ponca City.
Hume, Carleton Ross	Anadarko.
Hutchinson, Lon Louis	Perry.
Jackman, Moses W.	Moore.
Jackson, Lawrence Vernon	Lexington.
Jenkins, Delbert W.	Guthrie.
Jones, Anna	Choctaw City.
King, Blanche	Colony.
Martin, Robert C.	Perry.
Martin, Velma May	Norman.
McCabe, Edward Scott	Hennessey.
Meeker, Charles H.	Lockhart.
Minton, Henry Baynard	Tecumseh.
Morgan, Leland H.	Downs.
Paine, Norman W.	Moral.
Paine, Alice May	Moral.
Paine, Martha L.	Adell.
Palmer, Fred L.	Norman.
Peebles, Hilton S.	El Reno.
Penn, Frank E.	Norman.
Pool, Dalsie	Norman.
Pool, Otto V.	Norman.
Pyles, Mary E.	Norman.
Roach, Reginald Day	Waterloo.
Robertson, Margaret S.	Lexington.
Roux, Joseph R.	Stroud.
Rugg, Leona L.	El Reno.
Sears, Beula M.	Highland.
Sears, Ora	Highland.
Shoemaker, George R.	Pond Creek.
Smalley, Bernice M.	Moran.
Stokesberry, Etta	Moore.
Swank, Fletcher B.	Norman.
Swank, Floyd L.	Norman.
Sweet, Henry J.	Mangum.
Sykes, Dora M.	Norman.
Talkington, Florence	Norman.
Tennant, Gertrude E.	Moran.
Turner, Lola Annie	Newkirk.
Turner, Pearl V.	Newkirk.
Vanderslice, Edward M.	Union City.
VanZandt, Maggie	Norman.
Wallace, Clara	Norman.
Watson, Sylvia	Norman.
Wheeler, Floyd	Cloud Chief.
Wickham, Pearl	Oklahoma City.
Williams, Almetta E.	Lexington.
Williams, Jonnie	Norman.
Williams, Charlie	Norman.
Williams, Evva L.	Slusher.
Williams, Etta	Norman.
Wilson, Castilian Trabue	Moore.
Wingate, Maud Elizabeth	Norman.
Woolridge, Walter B.	El Reno.
Woodrow, William A.	Pond Creek.

GENERAL SUMMARY.**COLLEGE OF ARTS:**

Graduate Students.....	2
Seniors.....	3
Juniors.....	2
Sophomores.....	7
Freshmen.....	18
Specials.....	4

PRE-MEDICAL DEPARTMENT:..... 4

SCHOOL OF PHARMACY:

Second Year.....	5
First Year.....	17

SCHOOL OF MUSIC:..... 25

PREPARATORY SCHOOL:

Third Year.....	31
Second Year.....	44
First Year.....	114

SUMMER SCHOOL:..... 98

374

Repetitions..... 38

Total.....336

LIST OF STUDENTS ENROLLED, 1897-8.

College of Arts.

SENIORS.

Hume, Carleton Ross

Stoops, Roy Philson

JUNIORS.

Hefley, Jesse Lehmanowsky

Helvie, Roscoe Shively

SOPHOMORES.

Butcher, Nahum Ellsworth

Buxton, W. H.

FRESHMEN.

Barbour, Kate Clytie

Barrow, Edwin

Clapham, Mary Alice

Clay, Colonel Loyd

Cook, Jennie

Corn, James W.

Ferguson, Milton Jay

Hayden, Beayford Emmett

Hefley, John Tillman

Johnston, Marshall D.

Kirtley, Mattie Elsie

Lydick, Jesse Dean

Mackey, Paul Franklin

Overstreet, James Alexander

Roberts, Columbus Clifford

Rule, Maud

Walker, Nettie

Walker, Lenora

Watson, Sylvia

Williams, Etta

SPECIALS.

Barnes, Jeannette L.

Buffington, Ethel

Freeman, Nora Anna

Jones, Harriette

White, Nannie Ethel

Williams, Johnnie

Williams, Charlie

Prickett, Sarah

Wilson, Castian Trabue

School of Pharmacy.

II. YEAR.

Clapham, Elizabeth Hannah

Freeman, James Labron

Hooper, Herbert Glenn

McCutchen, William Henry

Norris, Edmund S.

Norris, Clare E.

Snapp, Robert Franklin

I. YEAR.

Alexander, Reuben Dudley
 Briggs, Frank Ray
 Montgomery, Evans Harriet
 Moss, Reuben Albert

Stone, Sarah Effie
 Taylor, Oda Lewis
 Teeter, Ora Oliver
 Wood, Minnie Ola

Preparatory School.**SENIOR.**

Bucklin, George Augustus
 Clifford, Lydia
 Daigh, Winnie A.
 Dale, Elmer Edward
 Dunn, Robert William
 Dundas, May
 House, Ruth
 Howell, Clifton Alembé
 Hume, Ray Robinson
 Kendall, William L.
 Martin, Roscoe
 Matthews, Ira J.
 Matthews, Clyde

McCabe, Edward Scott
 McGraw, Joseph Henry
 Medlock, Stella E.
 Medlock, Newton Emmet
 Overstreet, Clara
 Prickett, John Stanford
 Ridgway, Adda Lee
 Seawell, Wiley Porter
 Smock, Florence
 Sykes, Dora Maud
 Utt, Gladdie
 Wallace, Willie
 Williams, Florena

MIDDLE.

Allen, Edwin Cullon
 Applewhite, Gardner Henry
 Armstrong, Effie
 Barbour, Elzaida
 Bennett, Winifred Edith
 Blake, Mania Etta
 Bogle, Euphemia
 Bogle, Maxwell Clyde
 Booth, Gaylord
 Butts, Amo
 Choate, James Roy
 Cooksey, Fannie B.
 Corbin, Nellie May
 Corn, Minnie Ella
 Cowan, James Alvis
 Cruce, Grace Belle
 Dailey, Charles Earnest
 Daigh, W. A.
 Derr, John Isom
 Dillon, Vesper Claude
 Doughty, Henry George
 Edwards, Ellis Lincoln
 Edwards, Alba M.
 Edwards, Burt
 Erwin, Myrtle
 Fewell, Charles Augustus

Flesher, Charles Cuthbert
 Ford, Harry Mark
 Hanna, Ralph Waddle
 Haug, Harley
 Hayden, Edith Adelia
 Hefley, Belle Morcilla
 Hendricks, John
 Hood, Lexie
 Jenkins, Minnie Alice
 Jones, Lee
 Lawson, Mary F.
 Lillard, James Clement
 Lewis, Austin Brown
 McCabe, Minnie
 McCarty, Anna
 McElhinney, Ray
 Merkle, Fred
 Miller, Frank O.
 Miller, Lawrence George
 Miller, Lille Kate
 Morgan, Porter Heath
 Mortar, Arthur William
 Orbison, Edwin Calvin
 Pointer, William Joseph
 Pool, Daisy Emily
 Reynolds, Roscoe Conklin

JUNIOR.

Rice, Florence Adelaide
 Rice, John Lamont
 Richards, Belle
 Roy, John Emery
 Russell, Arthur
 Sell, Eula Esther
 Smith, Albert Raymond
 Snapp, Alvin Parker
 Stiles, George Leslie
 Steele, Ida Maria
 Stone, Ulysses Stearns
 Stoops, James Norval
 Swank, Fletcher B.
 Tate, Harry Charles
 VanWinter, Gertrude
 Walton, Winthrop Wirt
 Walverton, Carrie Alice
 Wiley, James Robert
 Abernathy, Eugene Cuthbert
 Acers, Agnes Amber
 Acers, Ralph Charles
 Alexander, Bert
 Alexander, Thomas Martin
 Allen, Phoebe Isabel
 Allen, Nellie
 Ambrister, Maude Anna
 Armstrong, Robert Walker
 Arrington, Roscoe C.
 Armstrong, John Alexander
 Arnold, Benjamin Walter
 Atcheson, Fannie Lee
 Artt, Cora
 Asbury, John Henderson
 Arnold, Jane Emma
 Atcheson, Nora
 Austin, Eli Hugh
 Austin, Henry C.
 Avent, Otha Blackstone
 Baker, Ollie May
 Barnett, Rose Margene
 Barrow, Ida May
 Beatty, Sallie Johnnie
 Bennett, Aaron
 Bessent, Claude
 Bessent, Jesse Joseph
 Bodine, James Harold
 Briggs, Ollie
 Britt, Columbus Anderson
 Brown, Clarence William
 Brown, Grace
 Bryan, Mamie
 Buck, Eugene
 Bugg, Ella Mary
 Burton, Ferdinand

Butcher, Frank M.
 Burford, Gertrude
 Buxton, Clarence Charles
 Canard, Felix
 Capshaw, Walter Lee
 Carrier, Jason Eugene
 Cassler, Grace
 Cecil, Robert Wilson
 Chase, Maude Ruth
 Chesney, Coralie
 Chestnutt, Munsey Alice
 Childs, Henry
 Childs, James
 Clayton, John T.
 Colley, Curtis
 Corn, William Ennis
 Courtney, William Solon
 Cox, Charles William
 Cox, Orvil
 Creamer, Joseph G.
 Critbs, Marietta
 Cromwell, Fannie
 Crump, William Poynor
 Cummings, William
 Curry, Paul Herbert
 Darrow, George Wilson
 Darrow, Maud Anna
 Davidson, Violet
 Davis, Benjamin Whitlock
 Davis, Augusta
 DeVilliers, Henry Livingstone
 Denison, Nora
 Denison, Hattie
 Dillon, Lloyd
 Durham, Thomas Edward
 Ewing, Allen Rowe
 Ewing, Robert Lee
 Fahey, Edward
 Farnsworth, Galen Louis
 Flaughter, Drue Celia
 Foster, William Thomas
 Ferguson, Burg
 Furry, Ada Lucinda
 George, James Henry
 Gorton, Willard Livermore
 Gray, Emmett
 Gray, Ethel
 Hager, John Ernest
 Harris, William Tankersley
 Harris, James Fred
 Harbert, Joseph
 Haycraft, Mamie Annette
 Haycraft, Hugh Samuel
 Hefley, Nellie Clementine

Henderson, Benjamin
Henderson, Robert B.
Hemperly, Harry Ford
Hlavaty, Benjamin
Holcomb, Cecil May
Hooper, Lulu
Hodges, Martha
Horton, Mattie Edith
Howe, Mamie
Howell, Lenoir C.
Hughes, Lulu
Ikard, May
Jarvis, Maggie Ann
Jenkins, Delbert White
Jicha, Mary
Johnston, James Irwin
Johnston, Loma Olive
Jones, Edith May
Keeran, Benjamin A.
Kelso, James Mitchell
Kerwood, Clyde
King, Eva Lena
Kinkade, Andrew Martin
Kirkpatrick, Jesse J.
Kile, Grace Celestine
Lacy, Walter Elmer
Lacy, Charles Albert
Leach, Minna
Liebmann, Ernest Andrew
Lee, Ella Rheuemma
Lee, Margaret Lenora
Lemarr, Alice
Lindsay, Rea D.
Long, Bert Halsel
Longwell, Sina
Loomis, Addie Clara
Loomis, Alta Vivian
Lowe, Charlotte
Lunnon, Hartley
Lyttle, John Willam
Manning, Frank
Martin, John Wesley
Martin, Velma May
Martin, Grace
Manire, Henry Wilmer
Maxey, John Kendall
Maxey, Carl Frederick
McCartney, Claude Blaine
McFadyen, William
McMahan, Mrs. Elsie
Means, John T.
Merrilees, Mary Marcia
Merkle, John Arthur
Miller, Lulu May
Monroe, Mary
Monroe, Florence Amanda

Mortar, Claude Harvey
Muransky, Nellie
Nichols, Herbert Rowland
Orrick, Nora
Paine, Norman Walker
Payne, Minnie Ocia
Payne, Dee
Payton, Cordelia
Peltier, Gilbert
Perry, Anna Lela
Pinnick, Addie B.
Pool, Willard
Pool, Otto Vickhouse
Powell, Artie J.
Rains, Lloyd Emory
Reeds, Chester Albert
Reeds, Clarence
Ringo, Ollie May
Robertson, James, Jr.
Robertson, Matthew S.
Roberts, Robert C.
Rogers, Robert Benton
Rogers, Maude Ellender
Roth, Lizzie K.
Rowles, Bessie
Ryan, Mary Elizabeth
Scott, Charles Addison
Seger, Jesse Miles
Short, Harvey Louis
Smith, John Leo
Smith, Lee
Stevens, Albert Joseph
Stubbeman, Emery Henry
Sturgeon, Martin Forest
Sullivan, Mattie
Sullivant, William Harvey
Swinney, Winnie Ethel
Teeter, Treva
Tribbey, Thomas Henry
Trotter, Anna
Tucker, Evaline
Turner, Archie
VanZandt, Maggie L.
VanZandt, John
Wails, Thomas L.
Wallace, John Houston
Wallace, Charles Stuart
Wallace, Lillie
Wallace, Jennie
Ward, Marcellus A.
Washington, Gertrude
Weeks, John Frederick
Weeks, Phoebe Marion
Weeks, May
West, Charles

Wheeler, Laura Blanche
 Wiley, Jessie Pauline
 Williams, Dollie
 Williams, Nannie
 Williams, Catherine
 Williams, Lee

Williams, Julia Rochester
 Wintin, Leota King
 Wootton, John Bret
 Wootton, Larana Estelle
 Wootton, Ora Lee
 Wray, Otto

GENERAL SUMMARY.

COLLEGE OF ARTS:

Seniors	2
Juniors	2
Sophomores	2
Freshmen	20
Specials	9

SCHOOL OF PHARMACY:

Second Year	7
First Year	8

PREPARATORY SCHOOL:

Senior	26
Middle	70
Junior	213

359

LIST OF STUDENTS ENROLLED, 1896-7.

College of Arts.

JUNIORS.

DeCou, Maude
Hume, Carleton Ross

Stoops, Roy Phillson

SOPHOMORES.

Helvie, Roscoe

Overstreet, James A.

FRESHMEN.

Chesney, Thomas A.
Overstreet, Minnie

Pennistone, Katherine
Tulley, Mattie

SPECIAL STUDENTS.

Choate, Anna J.
Wallace, Clara

White, Nannie

School of Pharmacy.

II. YEAR.

Miller, Marvin

Barbour, John

I. YEAR.

Brownlee, Richard G.
Clapham, Elizabeth H.
Freeman, James L.
Hooper, Herbert G.
McCutchen, William H.

Norris, Mrs. Clare E.
Norris, Edward S.
Snapp, Robert F.
Stone, Sarah Effie

Preparatory School.

SENIOR.

Alexander, Perry
Barbour, Kate Clytie
Berry, Grace
Clapham, Mary Alice
Evans, John Rutnam
Ferguson, Milton Jay
Freeman, Nora
Hayden, Beauford Emmet
Hefley, John T.
Johnston, Marshall
Kirtley, Mattie E.
Ledgerwood, James H.
Martin, Roscoe L.

McAtee, Lawrence
McInturf, Henry
Means, Stephen D.
Overstreet, Clara
Pool, N. T.
Roberts, Columbus C.
Smith, Mertie
Walker, Lenora
Walker, Nettie
Williams, Etta
Williams, Johnnie
Williams, Charlie

MIDDLE.

Allen, Edwin C.
Barbour, Elzaida
Bennett, Winifred E.
Blake, Mania E.
Bogle, Maxwell, Clyde
Booth, Gaylord
Boyce, Edna
Clark, Winifred M.
Corn, Minnie
Cribbs, Mary E.
DeBaun, Nora
Dixon, Bertie S.
Edwards, Alba
Ethel, John H.
Fletcher, Charles C.
Hayden, Edith Adelia
Hefley, Belle
Howell, Clifton A.

Hume, Ray
Johnston, Edward Wilson
Mackey, Paul F.
Matthews, Clyde
McAtee, Alfred
Medlock, Stella
Miller, Lulu May
Pool, Daisy
Prickett, John S.
Rule, Maud
Sheel, Lillie May
Snapp, Alvin P.
Sommers, Horace A.
Stone, Ulysses S.
Stratton, Zoe A.
Taylor, Frank D.
Williams, Florena

JUNIORS.

Alexander, Thomas M.
Alexander, Talbert
Ambrister, Maude
Applewhite, Gardner H.
Avent, Vanchie V.
Avent, Otha B.
Bogle, Euphemia
Booth, Gaylord
Botsford, Fred
Boyce, Lida
Boyce, Claude
Burris, Alfred H.

Burson, Homer T.
Canard, Felix
Charles, Thomas L.
Choate, Roy
Clingan, George M.
Corn, W. E.
Cromwell, Fannie
Darrow, Maud
DeJarnette, Winifred
Denison, Hattie
Dixon, Nona Elizabeth
Drake, Mabel Helena

Drake, Percy M.	McCarty, Anna
Dunn, William Robert	Merkle, Fred
Earhart, Ross C.	Morgan, Porter H.
Edwards, Ellis L.	Mortar, Arthur
Ethel, Jean	Mortar, Claude
Ewing, Robert	Parker, Elsie
Ferguson, Berg	Peyton, Cordelia
Ford, Harry Mark	Pool, Otto V.
Ford, Charles Shelburn	Rains, Mrs. Nellie
Furray, Ada L.	Richey, Elmo M.
Gore, Ella	Roberts, William R.
Hanna, Ralph W.	Rusler, Lena R.
Hedrick, Zella	Russel, John H.
Hestand, Bedford	Shaw, Oscar
Holliday, Lulu	Short, Harvey L.
Hooper, Lulu M.	Stoops, James N.
Hopping, Gordon	Sykes, Dora
Johnson, Mrs. Lizzie	Thomason, James H.
Jones, Preston D.	vanWinter, Gertrude
Kerwood, Clyde	vanZandt, Maggie L.
Kimberlin, Ezelle	Wallace, Willie
Kirkpatrick, Jesse	Wallace, Charles S.
Lillard, James C.	Warren, Nettie
Lowry, Carrie E.	Willey, Wells J.
Manire, Wilbur H.	Wintin, Leota
Martin, W. R.	Wise, Mary Frances
Matthews, Ira	Wise, Fannie
McCartney, Claude M.	Worth, Wilburn Welds

GENERAL SUMMARY.**COLLEGE OF ARTS:**

Juniors	3
Sophomores	2
Freshmen	4
Specials	3

SCHOOL OF PHARMACY:

Second Year	2
First Year	9

PREPARATORY SCHOOL:

Senior	25
Middle	35
Junior	80

Total.....161

COMMENCEMENT, 1899.

Sunday, June 4: Baccalaureate Sermon: Bishop Francis K. Brooke.

Text: "Beloved, let us love one another for love is of God."

Friday, June 9: Annual Address: Hon. Roy V. Hoffman.

BACHELORS OF ARTS.

Lawrence Wooster Cole, Jesse Lehmanowsky Hefley,
Roscoe Shively Helvie.

PHARMACEUTICAL CHEMISTS.

Frank Ray Briggs, Oda Lewis Taylor,
Sarah Effie Stone, Ora Oliver Teeter,
Minnie Ola Wood.

DOCTOR OF LAWS.

John I. Dille.

ALUMNI ASSOCIATION.

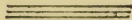
President, Lawrence Wooster Cole, '99.

Secretary, Carleton Ross Hume, '98.

Treasurer, Roscoe Shively Helvie, '99.

The regular annual meetings of the Association are held in the afternoon following Commencement.

THE UNIVERSITY OF OKLAHOMA.



GENERAL INFORMATION AND ANNOUNCEMENT
FOR 1900-1901.



Norman, Oklahoma.

1901.

1900							1901							1901						
September							January							May						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
.....	.....	.....	.....	.....	.....	1	.....	.....	1	2	3	4	5	.....	.....	.....	1	2	3	4
2	3	4	5	6	7	8	6	7	8	9	10	11	12	5	6	7	8	9	10	11
9	10	11	12	13	14	15	13	14	15	16	17	18	19	12	13	14	15	16	17	18
16	17	18	19	20	21	22	20	21	22	23	24	25	26	19	20	21	22	23	24	25
23	24	25	26	27	28	29	27	28	29	30	31	.....	.....	26	27	28	29	30	31	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
October							February							June						
.....	1	2	3	4	5	6	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	1
7	8	9	10	11	12	13	3	4	5	6	7	8	9	2	3	4	5	6	7	8
14	15	16	17	18	19	20	10	11	12	13	14	15	16	9	10	11	12	13	14	15
21	22	23	24	25	26	27	17	18	19	20	21	22	23	16	17	18	19	20	21	22
28	29	30	31	.....	.....	.....	24	25	26	27	28	.....	.....	23	24	25	26	27	28	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30	.....	.....	.....	.....	.....	.....
November							March							July						
.....	.....	.....	.....	1	2	3	.....	.....	.....	.....	.....	1	2	.....	1	2	3	4	5	6
4	5	6	7	8	9	10	3	4	5	6	7	8	9	7	8	9	10	11	12	13
11	12	13	14	15	16	17	10	11	12	13	14	15	16	14	15	16	17	18	19	20
18	19	20	21	22	23	24	17	18	19	20	21	22	23	21	22	23	24	25	26	27
25	26	27	28	29	30	.....	24	25	26	27	28	29	30	28	29	30	31	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December							April							August						
.....	.....	.....	.....	.....	.....	1	.....	1	2	3	4	5	6	.....	.....	.....	.....	1	2	3
2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10
9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17
16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24
23	24	25	26	27	28	29	28	29	30	.....	.....	.....	.....	25	26	27	28	29	30	31
30	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CALENDAR.

1900.

First Semester begins Tuesday, September 11th, 2 P. M.
Enrollment of students.

Meeting of Classes and assignment of work Thursday,
September 13th, 8 A. M.

Formal opening of the University Wednesday, September
19th.

Thanksgiving recess begins Wednesday, November 28th,
12:30 P. M.

Thanksgiving recess ends Monday, December 3rd, 8 A. M.

Christmas holidays begin Friday, December 21st, 12:30 P. M.

1901.

Christmas holidays end Thursday, January 3rd, 8 A. M.

First Semester Examinations begin Monday, January 28th.

First Semester closes Friday, February 1st.

Second Semester begins Monday, February 4th, 2 P. M.
Enrollment of students.

Washington's Birthday, Friday, February 22nd.

Decoration Day, Thursday, May 30th.

Final Examinations begin Friday, May 31st.

President's Reception to Graduating Classes, Friday,
May 31st.

Baccalaureate Sermon, Sunday, June 2nd, 11 A. M.

Annual Concert of School of Music, Thursday, June 6th,
8 P. M.

Commencement, Friday, June 7th, 10:30 A. M.

Meeting of Alumni Association, Friday, June 7th, 4 P. M.

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BOARD OF REGENTS.

GOVERNOR CASSIUS M. BARNES, <i>ex-officio</i>	Guthrie
HON. HENRY E. ASP.....	Guthrie
HON. C. O. BLAKE.....	El Reno
HON. L. P. KING.....	Wellston
HON. GEORGE BELLAMY.....	El Reno
HON. CHARLES L. BOTSFORD.....	Norman

OFFICERS OF THE BOARD.

HON. C. O. BLAKE.....	President
HON. C. L. BOTSFORD.....	Secretary

STANDING COMMITTEES.

Executive: Governor C. M. Barnes, Hon. Charles L. Botsford, President David R. Boyd.

House and Grounds: Hon. Charles L. Botsford, Hon. Henry E. Asp, Hon. L. P. King.

FACULTY.

- DAVID ROSS BOYD, A. M., (University of Wooster) President.
Professor of Mental and Moral Sciences.
- EDWIN DEBARR, M. S., Ph. D., (University of Michigan).
Professor of Chemistry and Pharmacy.
- JAMES SHANNON BUCHANAN, B. S., (Cumberland University.)
Professor of History and Civics.
- JOSEPH FRANCIS PAXTON, A. M., (Harvard), A. B., (University
of Missouri).
Professor of Greek and Latin.
- FREDERICK STANTON ELDER, A. B., (Princeton).
Professor of Mathematics.
- VERNON LOUIS PARRINGTON, A. M., (A. B. Harvard).
Professor of English and Modern Languages.
- ALBERT HEALD VANVLEET, B. S., (University of Wisconsin),
Ph. D., (Leipzig, Germany).
Professor of Biology and ex-officio Territorial Geologist.
- GRACE ADELENE KING,
Instructor in Voice Culture and Oratory, and Director of
School of Music.

INSTRUCTORS AND ASSISTANTS.

- FREDERICK MILLS ROSS, Instructor on the Piano-forte and
in Harmony.
- FLORENCE DUDLEY ROSS, Lecturer on Musical History.
- MAUD WATT, Accompanist.
- MILTON JAY FERGUSON, Tutor in Preparatory English.
- JACOB J. HERTZ, A. B., (St. John's College), Tutor in
German.
- MAXWELL PHILLIPS, Tutor in Spanish.
- CARLETON ROSS HUME, A. B., (University of Oklahoma),
Tutor in Preparatory History and Mathematics.
- COLUMBUS CLIFFORD ROBERTS, Tutor in Preparatory En-
glish and History.
- WILLIAM LEAMAN KENDALL, Tutor in Latin.
- ROSCOE MARTIN, Dispensing Clerk in Chemistry and
Pharmacy.

OTHER OFFICERS.

MAUD RULE, Librarian.

RUTH HOUSE, Assistant Librarian.

GEORGE AUGUSTUS BUCKLIN, Registrar and Secretary to the President.

ISAAC N. PRICKETT, Head Janitor.

COMMITTEES OF THE FACULTY.

LIBRARY: PRESIDENT BOYD, Chairman; PROFESSORS PARRINGTON and VANVLEET.

CATALOGUE: PRESIDENT BOYD, Chairman; PROFESSORS PARRINGTON, PAXTON and ELDER.

REGISTRATION: PRESIDENT BOYD, Chairman; PROFESSORS PARRINGTON and VANVLEET.

HIGH SCHOOLS: PRESIDENT BOYD, Chairman; PROFESSORS PAXTON and BUCHANAN.

The University of Oklahoma.

ORGANIZATION.

The university organization consists of the following schools:

1. College of Arts and Sciences.
2. School of Pharmacy.
3. Preparatory School.
4. School of Music.

The College of Arts and Sciences Embraces:—

1. The Classical Course.
2. The Philosophical Course.
3. The English Course.
4. The Scientific Course.
5. The Pre-Medical Course (four years).

Courses 1, 2 and 3 lead to the degree of A. B. Courses 4 and 5 lead to the degree of B. S.

The School of Pharmacy covers two years work and leads to the degree of Pharmaceutical Chemist.

The Preparatory School covers a three years course leading to the Freshman class.

The School of Music Embraces:—

1. Preparatory Course.
2. Teacher's Course.
3. Artist's Course.
4. Graduate Course.

Upon completion of a given course, certificates to that effect are granted by the University.

FOUNDATION AND RESOURCES.

The University is founded upon the authority of an Act of the Legislature of the Territory of Oklahoma entitled "An Act to Locate and Establish the University of Oklahoma." The act provided that when ten thousand dollars and forty acres of

land be donated to the Territory by the City of Norman, the institution should be located at that place. These requirements having been met, the University was established in Norman in 1892.

The law then proceeds to state more specifically the scope and purposes of the institution as follows:

(6787). § 9. The object of the University of Oklahoma shall be to provide the means of acquiring a thorough knowledge of the various branches of learning connected with scientific, industrial and professional [pursuits, in the instruction and training of persons in the theory and art of teaching, and also the fundamental laws of the United States and this Territory in what regards the rights and duties of citizens.

* * * * * *

(6788). § 10. The college department of arts shall embrace courses of instruction in mathematical, physical and natural sciences with their application to the industrial arts, such as agriculture, mechanics, engineering, mining and metallurgy, manufactures, architecture and commerce, and such branches included in the college of letters as shall be necessary to proper fitness of pupils in the scientific and practical courses for their chosen pursuits, and in military tactics; and in the normal department the proper instruction and learning in the theory and art of teaching in the common schools; and as soon as the income of the University will allow, in such order as the wants of the public shall seem to require, the said courses in the sciences and their application to the practical arts shall be expanded into distinct colleges of arts, and shall embrace a liberal course of instruction in language, literature and philosophy, together with such courses or parts of courses in the college of arts as the regents of the University shall prescribe.

(6789) § 11. The University shall be open to female as well as to male students, under such regulations and restrictions as the Board of Regents may deem proper, and all able bodied male students of the University in whatever college may receive instruction and discipline in military tactics, the requisite arms for which shall be furnished by the Territory.

The University is supported by a general tax of one-half mill upon each dollar of valuation on the assessment roll of

the Territory. In addition to this, Section 13 in each township in what is known as the Cherokee Outlet was reserved from settlement for University, Normal School and Agricultural College purposes in the Proclamation of the President of the United States opening those lands to settlement. The lands so reserved have been appropriated for the above purpose by act of Congress and have been leased for the benefit of the institutions named.

Norman, the seat of the University, is the County Seat of Cleveland County. It is a growing town of 3,500 inhabitants, situated eighteen miles south of Oklahoma City on the Atchison, Topeka & Santa Fe railroad. It stands on high ground sloping to the Canadian river and is preeminently healthful. The winters are mild and the atmosphere dry and bracing. The citizens of Norman are from all parts of the United States and are united in their hearty sympathy with educational matters.

MATERIAL EQUIPMENT.

Building and Grounds:—

The main building of stone and pressed brick contains twenty-three recitation and reception rooms and a large chapel. It is situated on a fine campus of forty acres and lies at a good elevation overlooking the surrounding country, one mile south of the business portion of town. The campus and approaching boulevard have been set out in trees. At present there are twelve acres planted in elm, ash, locust, etc.

Chemical and Pharmaceutical Laboratories:—

The departmental laboratories comprise four rooms in the west end of the building as follows:

1. A large room on the first floor used for general lectures and recitations.
2. A chemical and pharmaceutical laboratory fitted with tables for forty students; this laboratory is supplied with water and the modern appliances for laboratory work in chemistry and pharmacy.
3. A dispensing room containing the various drugs, chemicals, apparatus, etc., needed for the use of students.
4. A weighing room of a capacity for thirty pairs of chemical balances.

Biological Laboratories:—

The departmental laboratories comprise six rooms in the east end of the building as follows:

1. A large room on the first floor for work in botany, physiology, and general biology. This room is fitted with tables for the accomodation of forty students. It contains the herbarium and may be darkened for the use of the lantern.

2. A histological and embryological laboratory accomodating twenty students.

3. An office used for work in connection with the Territorial Geological Survey, of which the Professor of Biology is *ex-officio* director.

4. A large room in the basement for work in anatomy and bacteriology.

5. A room for work in taxidermy and the preparation of general material.

6. A dark room for work in photography.

The equipment of the department includes seventeen compound microscopes, seven of which are furnished with Abbe condensers and 1-12 inch oil immersion lenses, forty-eight dissecting microscopes, a Minot automatic microtome, a Criterion stereopticon model B, a set of anatomical models for illustrating the work in physiology and anatomy, an autoclav, incubator, hot air sterilizers, paraffine baths, together with the chemicals, stains, glassware, etc., necessary for work in histology, embryology and bacteriology.

THE LIBRARY.

The University library is under the control of the library committee. It is open from 7:45 A. M., to 5 P. M., every school day. On Saturday it is open from 9 A. M., to 12 M. All officers and students of the University, as well as the public, have free access to the shelves, but books may be drawn out for home use only in accordance with the rules given on page 19.

The library is almost altogether departmental and is more nearly adequate than the number of volumes would indicate. During the past two years the work of cataloguing has been carried on. At present there are 1856 accessioned books, 430 of which were added during the past year. In addition the library has a large number of pamphlets and unbound

works, and about 3500 unaccessioned books, consisting for the most part of Congressional Reports, and reports of various United States government departments—Smithsonian, Agricultural, Treasury, etc.

The reading room, in connection with the library, has on file most of the newspapers of the Territory together with the following magazines:

1. North American Review.
2. Forum.
3. Philosophical Review.
4. Review of Reviews.
5. Public Opinion.
6. Outlook.
7. Literary Digest.
8. Scientific American.
9. Harper's Magazine.
10. Harper's Weekly.
11. Century.
12. McClure.
13. New England Journal of Education.
14. American Chemical Journal.
15. Classical Review.
16. Public Libraries.
17. Appleton's Scientific Monthly.
18. Werner's Magazine.
19. American Naturalist.
20. Arena.
21. Bookman.
22. Poet Lore.
23. Nation.
24. Journal of the Chemical Society.
25. Quarterly Journal of Economics.
26. Economic Studies.
27. Musical Courier.

The files of all newspapers received by the Oklahoma Historical Society are open to the use of university students.

Donations of books and periodicals are invited. Many persons receive periodicals who would be glad to give them to the University. Arrangements for the exchange of duplicates have been made. Any persons having copies of any of the above or other reputable magazines will confer a favor by sending them to the President; or notify him of their disposition to make the donation, and the expense of transportation will be defrayed.

GENERAL INFORMATION.

Who May Enter: Any young man or woman who has finished the course in a good country school may enter the Preparatory School of the University and find educational work and a welcome. The studies which must be completed before taking up the preparatory work are stated on page 42. The work indicated in the preparatory course of study or its equivalent will be required for entrance to the College of Arts. Examinations will be held at the opening of the school year and on the two days following the close of the year. Any student having taken work in advance of the requirements mentioned will be given credit for such work and will be allowed to take the most advanced standing consistent with his acquirements. All university work begins with the university year; a student prepared to take advanced work may enter at any time.

Tuition is Free: Students who have been bona fide residents of the Territory of Oklahoma or of the Indian Territory for one year prior to entering the University, receive tuition free in all departments thus far established except in the School of Music. In the courses in chemistry, biology and pharmacy, a small sum sufficient to cover the cost of materials is charged. Students not residents of the Territories are charged a tuition fee of eight dollars a semester, or fifteen dollars a year, payable in advance, in addition to the sums to be deposited by those who take courses in chemistry, biology or pharmacy. All students except those of the summer semester are required to pay an incidental fee of three dollars a semester. Students of the summer semester pay an incidental fee of five dollars a semester. These fees cover all charges by the University, and are made to defray the expenses of heating, lighting and keeping the building in order and repair.

Board and Rooms: Board, including furnished rooms, can be had at from \$2.50 to \$3.00 per week. Clubs are in operation which bring the expenses of living somewhat lower. The average cost of living is as low in Norman as in any other place in the Territory. Unfurnished rooms and rooms for self-boarding may be had at reasonable rates. When students can do so it is a good plan to rent a small house of two or four rooms, furnish it, and board in one of the clubs. With reasonable economy the whole expense for a student may be made to

range from \$140 to \$250 a year. It will be noted that the University furnishes practically free the services of a strong faculty, good library, well equipped laboratories; while private schools must charge tuition for these, and as yet are unable to furnish the excellent facilities presented by the University.

The following statements of actual expenses for a half year handed in by two students give an excellent idea of the cost of living. These estimates are regarded as rather low:

Example I.

Board per week.....	\$ 2.00
Room rent per week.....	.75
Laundry per week.....	.25
Athletics, etc., per week.....	.10
Entertainments, per week.....	.25
All other, per week.....	.25
Total	\$ 3.60
For nineteen weeks	\$68.40
Books per semester	6.00
Tuition per semester	3.00
Laboratory fees per semester	3.00
Total for semester.....	\$80.40

Example II.

Board per week.....	\$ 2.00
Room rent per week.....	.75
Laundry.....	.35
Total per week	\$ 3.10
Fuel per semester	\$ 1.50
Incidental fee	3.00
Books, from \$4.00 to \$6.00	5.00
Athletic expenses	.50
Y. M. C. A.	.50
Literary	.25
Lecture course ticket.....	1.50
Total	\$12.25
Board, room, laundry per semester	\$68.90
Total for semester.....	\$81.15

Societies: There are in the University at present three societies devoted to debating and parliamentary practice, as follows:

1. The Pierian: Organized in 1893 and devoted to general society work. Its doors are open to both sexes.

2. The Senate: Organized in 1897 by young men of the Preparatory School, for practice in debate and parliamentary drill.

3. The Forum: Organized in 1898; open only to college students and devoted to general society work as well as to practice in parliamentary principles as used in legislative bodies.

Oratorical Society: The Oratorical Society is a subordinate organization of the Territorial Oratorical Society, the object of which is to stimulate an interest and secure practice in oratory.

In the fifth annual contest Mr. William Leamon Kendall, '03, represented the University with an oration entitled, "Our National Destiny."

University Umpire: During the past three years the students of the University have maintained the University Umpire, a semi-monthly paper intended as a register of college doings and a means of communication with the outside world. It has been placed on a fairly high grade of college journalism. By a rule of the faculty credits to an amount not in excess of two hours a week for any semester may be granted at the option of the Professor of English for satisfactory work done on the Umpire either as member of the staff or as correspondent.

The staff at present is as follows:

EDITOR.....MILTON JAY FERGUSON, '01.

ADVISORY EDITOR,.....V. L. PARRINGTON.

ASSOCIATE " C. C. ROBERTS, '01.

LITERARY " ROSA BARNETT, '03.

LOCAL EDITORS, ...JOHN T. HEFLEY, '01.

.....FLORENCE MONROE, '04.

BUSINESS MANAGER,....W. L. KENDALL, '03.

Moral and Religious Culture: Religious exercises consisting of Scripture readings, singing and prayer are held every school-day morning in the University Chapel. Three years ago a YOUNG MEN'S CHRISTIAN ASSOCIATION was organized by the students. During the past year the Association has

held devotional meetings every Sunday afternoon at 4 o'clock. In addition to these meetings the Association carries on work along social lines and aims to become a practical help to the students in their university life. The president is Mr. C. C. Roberts, '01.

Most of the leading religious denominations have organizations in Norman; and these churches extend a cordial invitation to students to join with them in their work. Following is a table giving the church preferences of the students of the past year.

Baptist, ...	55
Christian, ...	53
Methodist Episcopal South, ...	49
Presbyterian, ...	41
Methodist Episcopal, ...	43
Congregational, ...	8
Cumberland Presbyterian	7
Roman Catholic, ...	6
Missionary Baptist, ...	3
Friends, ...	3
Sweedenborg, ...	1
Holiness, ...	1
Christian Science, ...	1
Lutheran, ...	1
Synagogue, ...	1
Dutch Reform, ...	1
Episcopal, ...	1
Christian Union	1
No Church Preference, ...	15

Athletics: The athletics of the University are under control of the ATHLETIC ASSOCIATION, an organization of the students. Officers are elected annually. The business of the association is in the hands of an executive committee of nine, in turn divided into three sub-committees each having oversight of some branch of athletics. The football and baseball grounds and tennis courts, together with paraphernalia, are under the control of the Executive Committee. The grounds on the campus are excellent.

Thus far the athletics of the University have been confined to outdoor sports. Baseball has been in a flourishing condition

for a number of years; football has been played in earnest three seasons; and during the past year tennis has been taken up by most of the students. In May a tournament was held in Guthrie between teams from the University and other Territorial schools.

The University Degree a Diploma to Teach: Under certain restrictions a degree granted by the University gives the holder the right to teach in the public schools of the Territory. The law covering this point is as follows:

(6789) § 11. After any person has graduated at the University and after such graduation has successfully taught a public school in this Territory for sixteen school months the Superintendent of Public Instruction shall have authority to countersign the diploma of said teacher, after such examination as to moral character, learning and ability to teach, as to said superintendent may seem proper and reasonable. Any person holding a diploma granted by the Board of Regents of the Territorial University of Oklahoma, certifying that the person holding the same is a graduate of said University, shall, after his diploma has been countersigned by the Territorial Superintendent of Public Instruction as aforesaid, be deemed qualified to teach any of the public schools of the Territory, and such diploma shall be a certificate of such qualification until annulled by the Superintendent of Public Instruction.

INFORMATION TO STUDENTS:

Admission: For requirements for admission to the different schools of the University, see under the heads: College of Arts and Sciences, School of Pharmacy, Preparatory School, School of Music.

Registration: At the opening of each semester each student must obtain a certificate of registration in person at the president's office. After registration, the student will receive a card for the selection of studies for the semester. This card must be filled out with the approval of the major professor and returned to the president's office within ten days. After this date no change can be made during the semester except by petition to the faculty. Study cards not filed within ten days must be approved by all instructors under whom work is taken.

Enrollment in Class: The student desiring to enter any class must present his certificate of registration to the in-

structor for enrollment at the beginning of each semester. Whether the student is qualified for enrollment in any particular class is a question to be decided by the instructor in charge. In general the requisites for taking any given course are noted under *Courses of Instruction* and *Entrance Requirements*.

Change of Studies: A student desiring to drop a study once taken up or to take up a new subject after the study-card has been filed, must present to the committee on registration of studies, a petition for such change approved by the major professor and by the instructor whose subjects are to be taken or dropped. In general, petitions so approved, if they do not give the student too few or too many hours and if presented within one month after the beginning of the semester are granted without further action. If presented at a later time they will be granted only for extraordinary reasons.

Amount of Work: Fifteen hours per week of recitations or lectures or their equivalent in laboratory work is considered an average semester's work. Students may register for less than thirteen or more than eighteen hours only by permission of the committee on registration; but a student who has received a mark of failure or condition in the semester preceding may not register for more than fifteen hours except by permission of the committee on registration. Petitions for irregular hours should be made at the beginning of the semester.

Every hour for which credit is given is understood to represent approximately for the average student three hours of actual work per week through one semester. Thus in lecture or recitation work, one hour is allowed to the lecture or recitation and two hours of preparation or subsequent reading or study on the part of the student. Where the time is wholly occupied with drawing, field or laboratory work, three full hours per week for one semester are expected of the student for each hour that counts toward graduation. Where the drawing, field or laboratory work is supplemented by systematic outside reading or experiments under the direction of the instructor, such reduction may be made in actual drawing, field or laboratory work as may seem just to the department concerned.

Reports of Class Standing: The letters A, B, C, D, E, F, are used to designate the various grades of possible standing

A meaning excellent; B, good; C, fair; D, poor; E, condition; F, failure.

Conditions and Failures: A student conditioned in any subject may arrange with the instructor concerned for such supplementary examinations as will make good the deficiency; but such deficiency must be removed within one year after the deficiency has occurred, otherwise the condition will be considered a failure. Work reported as incomplete must be made up within one semester. A student failing in any subject can not go on with the subject, nor receive credit for the portion in which the failure is incurred, until the subject has been registered and taken over again in the class. A condition or failure or withdrawal from class without permission of the committee on registration of studies, limits the student to fifteen hours the semester following.

Absence from Recitation: Absences from recitation are of three kinds, namely: permitted, excused and unexcused. Permitted absences are those due to leave of absence from the University granted by the president upon application by the student. Excuses for absence are granted by the president only, and then only for sickness or for some other cause in every way out of the ordinary. Each student is allowed for one semester as many unexcused absences in any subject as he has recitations per week in that subject. One or more unexcused absences in excess of this number, or twice as many excused absences as he has recitations per week in the subject, will oblige the student to present himself to the instructor for a preliminary examination before he is allowed to enter the regular examination. Fifteen absences from recitations of any five-hour course from any cause whatever, and proportionately for the shorter courses, will deprive the student of the privilege of continuing his work with the class without special permission of the faculty and will subject him to a preliminary examination before entering the regular examination.

These rules do not apply to absences due to examination during examination week nor to the class as a whole.

Reports to Parents and Guardians: At the close of each semester or whenever deemed advisable, the president will

transmit to the student's parent or guardian a report of his class standing together with any delinquencies of conduct.

Semester Examinations: All students whether candidates for a degree or not are required to attend all examinations in the courses of study they pursue.

No student absent from any regular examination in any course of study that he may have pursued will be allowed to take such omitted examination before the next regular examination in that course. In cases of great urgency, however, the faculty may grant students special permission to be examined at an earlier date.

Use of Library: The instructors, students, and general public are allowed access to books and periodicals in the library. If a student wishes to withdraw books for home use he must deposit with the librarian the sum of two dollars to be held as a guarantee of the proper treatment of the books. Such part of the sum as remains after paying all fines will be returned to the depositor on his relinquishing the privilege.

The library books are divided into three classes: reference, departmental, general. Reference books, such as periodicals and magazines, dictionaries, encyclopedias etc., may not be removed from the room.

Departmental books are those that are reserved by instructors for special use of certain classes. They may be taken out at 4:30 P. M. on school days but must be returned not later than 9:00 A. M. of the next day; on Saturdays they may be taken out at 12 M. and kept until 9:00 A. M. of the Monday following. All books other than reference or departmental, may be kept out for seven days, at the end of which time they may be renewed for seven days, provided in the meanwhile there has been no call for the work.

One general book and two departmental books may be taken out at the same time. Failure to return a book when it is due, or to renew it properly, subjects the holder to a fine of ten cents a day for a departmental book and of five cents a day for general books. Removal of reference books, abuse of books by those who have no fee on deposit, or the loss or mutilation of a book in excess of the fee on deposit will be brought to the attention of the committee on library who will take such steps as they deem best.

College of Arts and Sciences.

COURSES AND DEGREES.

The College of Arts and Sciences offers:

I. Four undergraduate courses, each requiring usually four years for completion, as follows:

1. The Classical course in which special attention is given to the study of the Greek and Latin languages and literatures.

2. The Philosophical course in which one of the modern languages is substituted for Greek.

3. The English course in which neither of the classical languages is required and less mathematics; the emphasis being given to modern languages and literatures.

4. The Scientific course in which special attention is given to mathematics and the sciences.

The Classical, Philosophical and English courses lead to the degree of Bachelor of Arts (A. B.); the Scientific course leads to the degree of Bachelor of Science (B. S.)

II. A Premedical course: at present a two years course, is offered leading to no degree. It is hoped however, soon, to increase the course to four years and make it lead to the degree of Bachelor of Science.

REQUIREMENTS FOR ADMISSION.

Every applicant for admission to the Freshman¹ class, who is not a graduate of the Preparatory School of this University or of some acceptable school of equal grade, will be required to stand an examination in the following subjects. Any applicant who may be deficient in work not exceeding ten hours in amount may be admitted to the Freshman class, under conditions set by the instructor in charge of the work in which the deficiency occurs.

I. History and Civics:

(a) United States History: Johnston's *School History of the United States* or an equivalent.

(b) General History: Myer's, Sheldon's, or Fisher's *General History*.

(c) Constitution of the United States: As in Andrews' *Constitution*, Macy's or Townsend's.

2. English.

(a) The leading facts of English grammar.

(b) Composition and rhetoric: Butler's *School English* and Genung's *Outlines of Rhetoric* or equivalents; with abundant practice in theme writing. The candidate will be examined upon his ability to paragraph and to write good English.

(c) Literature: (1) Readings from selected classics based on Mathews' *Introduction to American Literature*. (2) American Literature: An accurate knowledge of three representative writers, together with some knowledge of English versification and the technique of poetry.

Instead of the above work in literature the candidate may substitute the work as prescribed by the Committee on the Requirements for Entrance to American colleges. Following are the works set by the committee for reading in 1900, 1901 and 1902, and the nature of the examination based upon that reading:

1. Reading: A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or a whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

The books set for this part of the examination will be:

1900. Dryden's *Palamon and Arcite*; Pope's *Iliad*, Books I., VI., XXII., and XXIV.; The Sir Roger de Coverley Papers in the *Spectator*; *Vicar of Wakefield*; *Ivanhoe*; De Quincey's

Flight of a Tartar Tribe; Cooper's Last of the Mohicans; Tennyson's Princess; Lowell's Vision of Sir Launfal.

1901 and 1902. Shakespeare's *Merchant of Venice*; Pope's *Iliad*, Books I., VI., XXII., and XXIV.; The Sir Roger de Coverley Papers in the *Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*.

In preparation for this part of the requirement it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

2. Study and Practice: This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject-matter, form, and structure.

The books set for this part of the examination will be:

1900. Shakespeare's *Macbeth*; Milton's *Paradise Lost*, Books I. and II.; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

1901 and 1902. Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro* and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

In addition the candidates may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

3. Mathematics.

- (a) Arithmetic completed.
- (b) Algebra: Milne's *High School Algebra* or equivalent.
- (c) Geometry: Wentworth's *Plane and Solid Geometry* or equivalent.

4. Elementary Science.

- (a) Physiology: The work in Martin's *Human Body*, briefer course, or an equivalent.
- (b) Physics: Gage's *Elements of Physics*, or an equivalent.
- (c) Botany: Gray's *Lessons* or an equivalent; an herbarium of fifty plants.

5. Latin.

(a) Grammar and Elementary book: Coy's *Latin Lessons* or Collar and Daniell's *First Latin Book*.

(b) Caesar: Four books.

(c) Cicero: Four orations.

(d) Vergil: Four books with practice in prose composition and scansion.

Admission by Certificate. Many of the High Schools of the Territory have so developed their work that the courses which they give can be accepted at least in part by the University. The University is prepared to give credit for all preparatory work that is well done. To this end blanks have been prepared to be filled out by students making application for credit given for work done in the High Schools. These blanks should be filled out and presented by the student when he applies for admission. They will be filed by the Registrar and made a part of the permanent record of the student. The blanks will be furnished to any one on application.

Below is a list of High Schools whose graduates will be admitted to the Freshman class without examination on presentation of certificate from the proper authorities.

A list is also given of High Schools whose courses have been examined and whose work will be accepted in part. The President invites correspondence on the part of Superintendents and Principals who wish to arrange their courses to meet the college requirements. The requirement of but one language besides English is made with a view to opening the way for the work of the High School to connect with that of the University. The University is desirous of doing everything possible to aid in the development of the High Schools and to assist in every way in removing the obstacles in the way of having a close articulation of work.

High Schools whose work has been accredited in full for two years from September 1st, 1900:

El Reno High School.

Guthrie High School.

Oklahoma City High School.

Pauls Valley High School.

High Schools whose work has been accredited in full for one year from September 1st, 1900:

Newkirk High School.

Shawnee High School.

High Schools whose work is accredited in part or as far as it has been developed:

Ardmore High School.

Blackwell High School.

Carrier Academy.

Chandler High School.

Cordell Academy.

Enid High School.

Hennessey High School.

Kingfisher High School.

Lexington High School.

Norman High School, East Side.

Pawnee High School.

Perry High School.

Ponca City High School.

Pond Creek High School.

Purcell High School.

Stillwater High School.

Stroud High School.

Tecumseh High School.

Watonga High School.

Waukomis High School.

Weatherford High School.

Woodward High School.

ADMISSION TO SPECIAL COURSES.

Candidates under twenty-one years of age desiring to take special courses are required to present the same qualifications as candidates for one of the regular courses. Persons twenty-one or more years of age who are not candidates for a degree and who wish to take special studies are permitted to do so upon giving satisfactory evidence that they are prepared to take the desired studies advantageously. If they subsequently desire to become candidates for a degree or to take a regular course they must pass the required entrance examinations.

Students from other institutions of recognized collegiate rank, who present letters of honorable dismissal, may be ad-

mitted to such standing and upon such terms as the faculty may deem equitable. Every such candidate is required to present, along with a catalogue of the institution in which he has studied, a full statement, duly certified, of the studies he has completed, including studies passed or credited at entrance.

All applications for advanced standing on the basis of work done before entering the University, must be filed within one semester after matriculation; and such applications will not be received at a later date. Students from other institutions whose credentials are satisfactory, are usually admitted without examination to a minimum standing of one year lower than that to which they are entitled at the institution from which they come. At the same time they are admitted to such classes as their preparation seems to warrant. After one semester's residence, if their work has been thoroughly successful and of sufficiently high grade, their standing may be readjusted, and such additional credit given them as may be deemed just by the faculty; but no such student can finally be given advanced credit for more than three years' work, i.e., ninety-five hours toward graduation.

REQUIREMENTS FOR DEGREES.

For the bachelor's degree one hundred and twenty-five hours of credits are necessary. Certain courses are required and the remainder are elective. For a specific statement of the work see under the heading, Outline of Courses.

For the master's degree the requirements are as follows:

1. The candidate must have received the bachelor's degree from this University or from some other acceptable school.
2. He must do in an acceptable manner resident work to the amount of thirty hours.
3. The courses elected must be advanced work and must be chosen from two departments, one of which shall be the major and the other the minor study.
4. At the option of the instructors under whom the work is taken, an original thesis may be required.

OUTLINE OF COURSES.

(Classical, Philosophical, English and Scientific.)

Italic figures refer to courses, the others to the number of recitations per week.

Freshman Year.

FIRST SEMESTER.

Classical.—Latin, 1 4; Greek, 1 5; English, 1 3; Mathematics, 1 4.

Philosophical.—Latin, 1 4; German 1 or French, 1 4; English, 1 3; Mathematics, 1 4.

English.—German 1 or French, 1 4; English, 1 3; Mathematics, 1 4; Elective in Science, 4.

Scientific.—German 1 or French, 1 4; Mathematics, 1 4; Chemistry, 1 4; Biology, 1 5.

SECOND SEMESTER.

Classical.—Latin, 2 4; Greek, 2 5; History, 1 4; Mathematics, 2 a 3.

Philosophical.—Latin, 2 4; German 2 or French, 2 4; History, 1 4; Mathematics, 2 a 3.

English.—German 2 or French, 2 4; English, 2 4; History, 1 4; Mathematics, 2 a 3.

Scientific.—German 2 or French, 2 4; Chemistry, 2 4; History, 1 4; Mathematics, 2 a and b 5.

Sophomore Year.

FIRST SEMESTER.

Classical.—Greek, 3 5; Latin, 3 4; English, 3 4; History, 2 3.

Philosophical.—Latin, 3 4; German, 3 or 1, or French, 1 or 3 4; English, 3 4; History, 2 3.

English.—German, 3 or 1 4; French, 1 or 3 4; English, 3 4; History, 2 3.

Scientific.—Chemistry, 3 4; German, 3 or 1, or French, 1 or 3 4; Mathematics, 3 4; History, 2 3.

SECOND SEMESTER.

Classical.—Latin, 4 4; Greek, 4 4; English, 4 or 5 3; History, 3 3; Electives 2.

Philosophical.—Latin, 4 4; German, 4 or 2, or French, 2 or 4 4; English, 4 or 5 3; History, 3 3; Electives 3.

English.—German, 4 or 2 4; French, 2 or 4 4; English, 4 or 5 3; History, 3 3; Electives 3.

Scientific.—German, 4 or 2, or French, 2 or 4 4; Science Electives 6; Free Electives 5.

Junior Year.

FIRST SEMESTER.

Classical.—Economics, 1 4; Electives in Science, 4; Free Electives 8.

Philosophical.—Economics, 1 4; Electives in Science, 4; Free Electives 8.

English.—Economics, 1 4; English, 6 4; Electives 8.

Scientific.—Electives in Science 10; Free Electives 5.

SECOND SEMESTER.

Classical.—Economics, 2 4; Electives 11.

Philosophical.—Economics, 2 4; Electives 12.

English.—Economics, 2 4; English 7 4; Electives 8.

Scientific.—Astronomy, 1 4; Electives in Science 6; Free Electives 5.

Senior Year.

FIRST SEMESTER.

Classical.—Philosophy, 1 4; Electives 11.

Philosophical.—Philosophy, 1 4; Electives 12.

English.—Philosophy, 1 4; Electives 12.

Scientific.—Electives in Science 10; Free Electives 5.

SECOND SEMESTER.

All Courses.—Electives 15.

Courses of Instruction.

PHILOSOPHY.

THE PRESIDENT.

1. **Psychology:** Text-book—Lectures—Study of the Central Nervous System—Experimentation, 4 hours.

2. **Logic:** Lectures—Text-book—Inductive study of scientific methods, 2 hours.

3. **Ancient and Mediaeval Philosophy:** Lectures and Text-book, 2 hours.

HISTORY AND CIVICS.

PROFESSOR BUCHANAN.

1. American Government: A systematic study of the origin and development of our Federal Government, considered historically. Required in all courses, Freshman. Text, Hinsdale. *4 hours, second semester*

2. English History: This course is a study of the following periods of English history: Roman, Saxon, Danish, Early English, Norman, Angevin, Lancastrian and Yorkist. It covers the period of time from 55 B. C. to 1485 A. D.

Greene's Short History of the English People will be used as a text; the class will be required to read extensively from Hume and the Oxford Manuals of English History.

Required in all courses, Sophomore, *3 hours, 8 o'clock, first semester.*

3. English History: This is a continuation of course 2 and embraces the study of the Tudor, Stuart, Commonwealth and Protectorate, Restoration, Hanoverian and Victorian periods from 1485 to the present. Required in all courses. Text, Greene. Required reading in Macaulay and The Oxford Manuals of English History. Sophomore, *3 hours, 8 o'clock, second semester.*

4. Revolutionary Europe, 1789-1815. History of Europe during the important period of transition. The French revolution will command special attention. *Elective, 3 hours.*

5. Political History of the United States from 1750-1829: The topical method will be pursued.

Texts: *American Politics*, Johnston; *Formation of the Union*, Hart; Schouler, Vols. I, II, and to Chapter 13, Vol. III.

Junior or Senior elective. *4 hours, first semester, 10:50 o'clock.*

6. Political History of the United States from 1829-1890: This course is a continuation of course 4 and must be preceded by it. Texts: *American Politics*, Johnston; *Division and Reunion*, Wilson; Schouler, Vol. III, from Chapter 13, Vols. IV, V, VI.

Junior or Senior elective, *4 hours, second semester, 10:50 o'clock.*

7. Economic and Political History: A study of current questions in history and economics. The leading magazines will be used as a basis for the course. The articles on history and economics will be assigned to members of the class for study and analysis. College students in history and economics will be admitted to this class. *Elective, 3 hours.*

8. Economic and Political History: Same as course 7, *3 hours, elective.*

ECONOMICS.

PROFESSOR BUCHANAN.

1. **Elements of Political Economy:** Recitations and lectures. Required in all courses, Junior. Text: Walker. *4 hours, first semester, 10 o'clock.*

2. **Money, Trade and Industry:** Recitations and lectures. This course is a continuation of course 1, and must be preceded by it. Required in all courses. Junior. Text: *Money, Trade and Industry*, Walker. Required reading in "*Money*," Walker; *Money and the Mechanism of Exchange*, Jevon; Laughlin's *Bi-metallism in the U. S.* *4 hours, second semester, 10 o'clock.*

3. **Economic Problems:** A study of some of the leading problems: Socialism, Labor, Transportation, Tariff; lectures and library work. *3 hours, elective.*

4. **Public Finance:** Including an investigation of the history of public finance in the United States and in some of the American States. *3 hours, elective.*

ANCIENT LANGUAGES.

Greek.

PROFESSOR PAXTON.

(All work is collegiate and elective.)

1 and 2. White's First Book; *The Anabasis*, Goodwin & White, begun. *5 hours throughout the year.*

3. **The Anabasis, Continued:** Readings in Grote. Prose composition once a week. *5 hours, first semester.*

4. **Lysias's Orations**, Morgan: *4 hours.* Prose composition.

5. **Homer's Iliad**, Seymour: Study of the hexameter and antiquities. *4 hours.*

6. **Herodotus:** Reading in Grote: *3 hours, with a fourth at the pleasure of the instructor.*

7. **Thucydides:** The Sicilian Expedition. Readings in Grote. *3 hours.*

8. **Readings in the Greek Drama:** *3 hours.*

The Greek Grammar of Goodwin or Hadley-Allen should be in the hands of the student.

Latin.

PROFESSOR PAXTON.

1. **Anderson's Selections from Ovid:** Study of verse and mythology. *4 hours.*
2. **Livy**, Melhuish, Books XXI, XXII: Readings in Mommsen. Miller's Composition. *4 hours.*
3. Two or more of **Cicero's Essays**. Miller's Composition. *4 hours.*
4. **Horace's Odes and Epodes**, Smith: Study of meters. Miller's Composition. *4 hours.*
5. **Elective Courses in Tacitus and Roman Drama** will be offered when practicable. The Roman pronunciation is used. Greenough's Grammar is used for reference, though other standard ones will serve.

MODERN LANGUAGES.**German.**

MR. HERTZ.

1. **Beginning German:** Grammar and Reader with practice in elementary composition. *Every day, first semester.*
 2. **Beginning German**, Continuation of Course 1: The reading of easy texts with composition and some practice in conversation. Storm's *Immensee*; Eichendorff's *Aus dem Leben Eines Tagenichts*; Haupt's *Der Zwerg Nase*; Harris' *Composition*. *Every day, second semester.*
 3. **German Prose and Poetry:** Abundant reading with work in composition and conversation. Freytag's *Soll und Haben*; Buchheim's *Balladen und Romanzen*; Hermann und Dorothea. *3 hours, first semester.*
 4. **German Drama:** Lessing's *Nathan der Weise*; Schiller's *Wilhelm Tell* or *Maria Stuart*; Goethe's *Tasso* or *Iphigenia*. *3 hours, second semester.*
 5. **German Literature to the Death of Goethe:** Rapid readings, lectures in German; Kluge's *Geschichte der Deutschen National-Literatur*. *3 hours first semester.*
 6. **Life and Work of Goethe:** Readings and lectures. *3 hours, second semester.*
- Courses 5 and 6 will not be given in 1900-01.

French.

PROFESSOR PARRINGTON.

1. **Beginning French:** Grammar, reading, and as much practice as possible in pronunciation and conversation. Bacon's *Grammar*, and an easy text. *Monday, Tuesday, Wednesday, Thursday, at 3:40 o'clock, first semester.*

2. **Beginning French:** A continuation of course 1. Bacon's *Grammar, Part II*; abundant reading; composition.

3. **The Drama of the Seventeenth Century:** Moliere and Corneille; abundant reading, composition and conversation. *3 hours, first semester*

4. **Some Nineteenth Century Novels:** Works by Balzac, Hugo, George Sand; three texts read in class and three out of class; practice in conversation. In this course the French is read, not translated. *3 hours, second semester.*

5. **French Literature of the Nineteenth Century:** From the outburst of romanticism to the present, with special attention to Victor Hugo. Lectures and reading. *3 hours, first semester.*

6. **French Literature from 1700 to 1830,** with special attention to Voltaire, the Revolutionists, and Chateaubriand. Lectures and readings, historical and critical. *3 hours, second semester.*

Courses 5 and 6 will not be given in 1900-01.

Spanish.

MR. PHILLIPS.

1. **Beginning Spanish:** Grammar and composition, *De Tornos. 5 hours, first semester.*

2. **Beginning Spanish:** Continuation of course 1. Grammar; select readings with analysis; conversation. *5 hours, second semester.*

3. **Spanish Life and Spanish History:** Select readings; one hour each week to be given to a lecture on Spanish colonial history. *4 hours, first semester.*

4. **Spanish Literature:** Select readings from classical writers, together with current newspapers. One hour each week to be given to a lecture on the history of Spanish literature. *4 hours, second semester.*

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR PARRINGTON.

1. **The Principles of Composition:** Lectures on the whole composition, paragraph, sentence, words; library work on the history of English prose; weekly themes. Required of all candidates for a degree. This course is the basis of all later work in composition and only under very exceptional circumstances will work done elsewhere be substituted for it. *Monday, Wednesday and Friday at 10:50, first semester.*

2. **Modern English Prose:** An analysis of the style of Macaulay, DeQuincey and Carlyle; fortnightly critiques, with library work. Required of those taking the English course. *Monday, Wednesday, Thursday and Friday, at 10:50, second semester.*

3. **Historical Grammar:** Lounsbury's *History of the English Language*, and Earle's *Philology of the English Tongue*; together with lectures on dialectal forms and usages, and a thesis. *Monday, Tuesday, Thursday and Friday, at 8:30, first semester*

4. **A Study of Argumentation:** Brief-drawing and oral delivery of the developed forensic; Baker's *Principles of Argumentation*. *Tuesday and Thursday, at 11:40, with a third hour optional, first semester.*

Students are advised to take History 7 in connection with this course.

5. **Chaucer:** A study of his works as a whole and of his use of English, together with some account of Langland; library work, critiques, and a thesis. *Monday, Tuesday, Thursday and Friday, at 8:50, second semester.*

6. **English Literature from Spenser to Pope:** A study in movements with special attention to the secondary dramatists, and the rise of classicism; lectures and a thesis. *Monday, Tuesday, Wednesday and Thursday, at 2:50, first semester.*

7. **English Literature from Defoe to Carlyle:** A continuation of course 6, with special consideration of the decay of classicism and the rise of the novel; lectures and a thesis. *Monday, Tuesday, Wednesday and Thursday, at 2:50, second semester.*

8. **Shakespeare:** A study of eight plays in chronological order, with special attention to the man Shakespeare and to the nature of his art. Lectures, discussions and a thesis. In 1900-1901 the following plays will be read: *Love's Labour's Lost*,

King Henry IV. (Part I.), As You Like It, Romeo and Juliet, Hamlet, Macbeth, Lear, The Tempest. Monday, Tuesday, Wednesday and Thursday, at 10:00, first semester.

9 a. The French Revolution and English Poetry: A study of the English romantic movement, with special attention to Wordsworth, Shelley, Keats and Byron. *3 times a week, second semester.*

9 b. Browning and Tennyson: A systematic study of their works as a whole, and a consideration of the technique of poetry. *3 times a week, second semester.*

Course 9 a and 9 b are given in alternate years.

10. Advanced Composition: A study of invention, with special attention to narration and description, and the essay. *Twice a week, first semester.*

Course 10 will be limited in number and will be open only to those who have passed courses 1 and 2 with credit.

Oratory.

MISS KING.

1. The History of Oratory, together with original work in the writing and delivery of orations, and the interpretation of *Macbeth* Texts: Emerson's *Physical Training; Psychological Expression*, Vol. III. Elective. *4 hours, first semester.*

MATHEMATICS.

PROFESSOR ELDER.

1. Higher Algebra: Embracing the subjects of limits, series, logarithms, permutations and combinations, theory of equations, determinants, probabilities. Required in all courses. *4 hours, first semester.*

2 a. Trigonometry: Required in all courses. *3 hours, second semester.*

2 b. Surveying: Text-book and lectures. Ample field work as arranged for by instructor. Required in scientific course, elective in others. *2 hours, second semester.*

3. Analytic Geometry: The determinant notation is used throughout. The course includes the general theory of the conic, envelopes, reciprocal polars, duality and the elements of projective geometry. Required in scientific course, elective in others. C. Smith's *Conics*. *4 hours, first semester.*

4. Differential and Integral Calculus: Elective. Edward's *Calculus*. 4 hours, second semester.

5. Advanced Calculus: Based on Williamson's *Differential and Integral Calculus*. 4 hours, first semester.

6. Advanced Calculus: Johnson's *Ordinary and Partial Differential Equations*. 4 hours, second semester.

7. Electives will be offered as required in Analytical Mechanics, Theory of Surfaces, Theory of Equations and Determinants, and Higher Plane Curves.

Astronomy.

PROFESSOR ELDER.

A course in Descriptive and Historical Astronomy based on Young's texts is given to Juniors and Seniors on alternate years. Not given in 1900-1901. 4 hours, second semester.

CHEMISTRY.

PROFESSOR DEBARR.

1. General Chemistry: Embracing a study of the elements, the common acids, and salts; the history, properties and character of the metals. Students are required to use the chemicals of the laboratory; a laboratory fee of \$5.00 must be deposited. Remsen's *Chemistry, Briefer Course*. Every day, first semester.

2. Analytical Chemistry: Including a study of the grouping of the more common metals, also the separation of the more common acids; analysis of unknowns; deposit of \$5.00. Prescott and Johnson's *Qualitative Chemical Analysis*. Every day, 8:00-9:40, second semester.

3. General Chemistry: Continuation of course 1. A laboratory fee of \$5.00 must be deposited. Remsen's *Chemistry, Briefer Course*, 4 hours, second semester.

4. Analytical Chemistry: Oxidation and reduction, analysis of unknown substances. This course is required of students in Science and Pharmacy; deposit \$5.00; text-book same as in course 2. 4 hours, first semester.

5. Quantitative Analysis: Acidimetry and alkalinity, and gravimetric estimations. Lectures and laboratory work; deposit \$5.00. 5 hours, second semester.

6. Organic Chemistry: See course 15 in School of Pharmacy. Every day at 1:10.

BIOLOGY.

PROFESSOR VANVLEET.

1. **General Biology:** Introductory to both zoology and botany, and required as preliminary to all advanced work in either department. *Two recitations and eight hours laboratory work per week, first semester.*

The first half of the semester is devoted to unicellular and simpler forms of life; the latter half to a study of the chief types of structure of both plants and animals. Required of freshmen in general science course.

2. **Comparative Anatomy of the Vertebrates:** This course consists of recitations and lectures, and dissections of typical representatives of the several classes of Vertebrates, with comparative studies of Vertebrate osteology, the nervous, circulatory and respiratory systems. Required of students in Pre-Medical course. *5 hours, first semester.*

3. **Human Physiology:** Lectures and recitations. Martin's *Human Body*. Required of students in Pre-Medical course. *5 hours, first semester.*

4. **Vertebrate Embryology:** Lectures and laboratory work. The chick during the first four days, is studied. Should be preceded by course 4. *5 hours, first semester.*

5. **Normal Histology:** Lectures and laboratory work. Pier-sol's *Normal Histology*. Should be preceded by course 2. Required of students in Pre-Medical course. *5 hours, second semester.*

6. **General Botany:** Lectures and laboratory work. A general survey of the histology and physiology of plants. *3 hours, second semester.*

7. **General Bacteriology:** Lectures and laboratory work. In this course special emphasis is laid upon the role which bacteria play in nature; various typical forms are studied with the microscope and in culture media. *2 hours, second semester.*

8. **Medical Bacteriology:** A special course for Pre-Medical students, including, in addition to course 7, a detailed study of the most important forms of pathogenic bacteria, the methods for their isolation, examinations of soil, water, etc., and the testing of antiseptics, disinfectants, etc. *5 hours, second semester.*

Pre-Medical Course.

With the rapid growth of the Territory and of the University, there is an increasing demand for the establishment of professional departments in the University where students may fit themselves for professional work. The Pre-Medical Course as outlined aims to prepare the student for advanced standing in accredited medical schools. It will consist of a four years' course and a two years' course. The former may be taken in connection with the regular scientific course and leads to the degree of Bachelor of Science; the latter is independent of the College of Arts and is offered to meet the needs of those who desire to devote their entire time to strictly professional studies. Upon completion of the work they will receive a certificate of standing. The course aims to cover the first two years of work as given by the best medical schools, and arrangements are being made to have the work accepted by the Western Medical Colleges.

It is intended to add next year to the corps of instructors and to the courses of study. A special circular giving full information concerning the work will be issued the first of July.

ADMISSION.

The four years' course is a part of the College of Arts and leads to the degree of Bachelor of Science. Students are admitted on the same conditions as above. Those taking the two years' course, not candidates for a degree, before matriculation will be examined in the following subjects:

1. English: A composition of at least two hundred words on some subject of general interest. This will be criticized with reference to thought, construction, punctuation, spelling, and handwriting.

2. Arithmetic: A thorough knowledge of common and decimal fractions, compound numbers, ratio and proportion.

3. Algebra: Such questions as will test the student's knowledge of the fundamental operations, factoring and simple quadratic equations.

4. Physics: Such questions as will test the student's knowledge of the elements of mechanics, hydrostatics, hydraulics, optics and acoustics.

5. Latin: An examination upon the work usually covered during the first year's study.

In place of this examination, students may present a certificate of graduation from a high school, normal school or academy of good standing; or evidence of having passed the entrance examination to a reputable literary or scientific college or university; or a state certificate to teach, granted by a state superintendent of public instruction.

COURSES OF STUDY.

The different lines of work taken up are as follows:

General Biology.

Anatomy, Human and Comparative.

Histology.

Physiology.

Embryology.

Bacteriology.

General Chemistry.

Qualitative Chemistry.

Quantitative Chemistry.

Organic Chemistry.

Physiological Chemistry.

Urinary Analysis.

Toxicology.

Materia Medica.

Microscopy.

Pharmacognosy.

Pharmaceutical Botany.

For specific statements of the work, see:

Department of Biology, Courses 1, 2, 3, 4, 5, 8.

Department of Chemistry, Courses 1, 2, 3, 4, 5.

School of Pharmacy, Courses 5, 7, 9, 10, 12, 13, 14, 17.

School of Pharmacy.

In the organization of this school the University has aimed to secure the co-operation of the pharmacists of the Territory. The prime object of the school is to furnish a foundation for the pursuit of the profession of pharmacy. The University does not demand practical experience for admission to the school but insists upon adequate preliminary training.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the School of Pharmacy should be eighteen years of age. They will be required to pass examinations in all subjects studied in the first two years of the Preparatory School, with the exception of Caesar. Candidates may be excused from examination on the presentation of a satisfactory certificate from an accredited school stating that equivalent work has been done. Following are the courses required:

1. **English:** Courses 1, 2, 3 and 4 of Preparatory School.

Course 1. A Review of English Grammar, *5 hours*.

Course 2. English Grammar Reviewed.

Course 3. Butler's *School English*: Weekly themes, *5 hours*.

Course 4. American Classics. Weekly themes, *4 hours*.

2. **Mathematics:** Courses 1, 2, 3 and 4 of Preparatory School.

Course 1. Higher Arithmetic: Completed and reviewed. *4 hours*.

Course 2. Elementary Algebra: Through factoring, G. C. D., L. C. M. and fractions. Sensenig's *Elementary Algebra*, *4 hours*.

Course 3. Course 2 continued through the theory of exponents, quadratics, ratio and proportion, limits. *5 hours*.

Course 4. Plane Geometry. *5 hours*.

3. **History and Civics:** Courses 1 and 2 of Preparatory School.

Course 1. United States History: Related readings. Johnston and McMaster. *4 hours.*

Course 2. Civil Government and Constitution: Willoughby's *Rights and Duties of American Citizenship.* *4 hours.*

4. **Natural Science:** Courses 1 and 2.

Course 1. Martin's *Human Body, Briefer Course*, with laboratory. *4 hours.*

Course 2. Botany: Gray's *Lessons*; laboratory work—each student to mount fifty specimens. *4 hours.*

5. **Latin:** Courses 1 and 2 of Preparatory School.

Course 1. Collar and Daniell's *First Latin Book.* *5 hours.*

Course 2. Latin reader, continued. *5 hours.*

NOTE—Candidates who lack in the above requirements can pursue the studies in the regular classes of the Preparatory School.

SPECIAL STUDENTS.

Students who desire to take special courses without doing the regular work can find opportunity to do so, and can also review work preparatory to taking the examination before the Board of Pharmacy to secure registration.

GRADUATION AND DEGREE.

Before receiving the diploma of graduation the candidate must have had not less than two years store practice.

The degree of Pharmaceutical Chemist will be conferred upon students completing the above requirements. A diploma fee of \$5 is required, to be paid not later than thirty days before commencement.

COURSES OF INSTRUCTION.

First Year, First Semester.

1. **Pharmacy:** History of Pharmacopoeias, Physical Laws governing Pharmacy. Galenical Compounds and Preparations; uses of heat, standards of purity; *5 times each week.* Deposit for this course, \$2.50. Text-book used, Remington's *Practice of Pharmacy.*

2. General Chemistry: Recitations and laboratory work; same as General Chemistry in the Scientific Course in College; *4 times each week*. Deposit for this course, \$2.50. Text-book used, Remsen's *Chemistry, Briefer Course*.

3. Physics: Recitations and experiments; Preparatory School, Natural Science, course 3.

4. Microscopy: Examination of crude organic drugs for identification; *3 times each week*. Deposit \$2. Text-book used, Maisch's *Organic Materia Medica*.

Second Semester.

5. General Chemistry: A continuation of course 2. Deposit \$5. *4 times each week*.

6. Chemistry. Qualitative Analysis; *4 times each week*; Deposit for this course, \$5; text-book used, Prescott and Johnson's *Qualitative Chemistry*.

7. Pharmacognosy: The recognition of crude drugs and chemicals of the Pharmacopoeia; *3 times each week*; Deposit, \$2; text-book used, Maisch's *Organic Materia Medica*.

8. Pharmacy: Pharmacopoeial preparations, elementary processes of Pharmacy; solid and fluid extracts; distillations; uses of chemicals in manufacturing; *5 times each week*; Deposit for this course, \$5; text-book used, Remington's *Practice of Pharmacy*.

Second Year, First Semester.

9. Materia Medica: Medicines, their classifications, history, physiological effects, and doses; *5 times each week*; Deposit for this course, \$2; text-book used, *The National Dispensatory*.

10. Pharmacognosy: Recognition of official inorganic drugs; *twice each week*; Deposit for this course, \$2; text-book used, *The United States Pharmacopoeia*.

11. Quantitative Chemistry: Volumetric and gravimetric determinations; lectures and laboratory; *4 times each week*; Deposit for this course, \$5; text-books used, Cheever's *Select Methods*, Fresenius' *System of Quantitative Analysis*.

12. Pharmacy: A continuation of course 8; *5 times each week*; Deposit for this course, \$1.50; text-book used, Remington's *Practice of Pharmacy*.

Second Semester,

13. **Materia Medica:** A continuation of course 9; 5 times each week; Deposit, \$1.50; text-book used, *The National Dispensatory*.

14. **Pharmacognosy:** Recognition of crude drugs; 3 times each week; Deposit, \$2.50; text-book used, *The United States Pharmacopoeia*.

15. A study of elementary substances of the Marsh and Aromatic series; 5 times each week; Deposit for this course, \$2; text-book used, Perkins and Kipping's *Organic Chemistry*.

16. **Prescriptions:** A study of the incompatibilities in prescription work; 4 times each week; Deposit for this course, \$5.

17. **Toxicology:** A study of Poisons; lectures and laboratory work; twice each week; Deposit \$2.

TEXT-BOOKS USED.

Practice of Pharmacy, by Remington.....	\$6.50	\$7.50
General Chemistry, by Remsen.....	1.25	
Organic Materia Medica, by Maisch.....	3.50	
Qualitative Chemistry, by Prescott and Johnson.....		3.50
The National Dispensatory.....	8.00	8.50
The United States Pharmacopoeia.....	3.50	
Organic Chemistry, by Perkins and Kipping.....		2.00

LIBRARY AND EQUIPMENT.

The library contains suitable reference works on all the subjects offered in this department. The chemical and pharmaceutical laboratory contains all the crude organic drugs of the pharmacopoeia in a suitable case, so arranged as to be of free access to all the students of Pharmacy who are classified in pharmacognosy and materia medica. A collection of alkaloïds and their salts worth \$125 is also at the disposal of students of pharmacy and organic chemistry. The laboratory is provided with tables for forty students. Each student has his own apparatus and is at liberty to work extra hours as his time admits, and when doing so he can have personal attention by the instructor.

Preparatory School.

The work in this school is intended to prepare students for the regular college work. In addition to this it is intended to be a substitute for the college course for those who are unable on account of age or limited means to take the latter.

Students who are deficient in only one or two branches of the Preparatory School may, while finishing this work, take some college studies. But all of the required work of the preparatory course must be completed before a student is permitted to go on regularly into any university course. Those who do not expect to take a course in the University will be given such studies in the Preparatory School as they are able to pursue profitably.

ADMISSION.

For admission to the Preparatory School applicants must be at least fifteen years of age, and they should present a certificate of scholarship from their last instructor or the last school with which they were connected. They should be proficient in the ordinary course of study pursued in the public schools of the Territory, and especially in English grammar and arithmetic. No regular examination is required for admission to the classes of the first year, the student being admitted on trial; if he is not able to pursue the course successfully, he is required to withdraw. Students desiring to take the studies of the second or third preparatory year will be examined as to their ability to enter the classes of that year, unless they otherwise satisfy the committee on registration that they are qualified for such advanced standing.

GRADUATES FROM RURAL SCHOOLS.

It is desired to give the graduates from rural schools full recognition for the work they have done in completing the graded course of study. It is the purpose of the University to

connect its work with the public schools and in no sense to duplicate their work.

At this time there are many young men and women who came to Oklahoma at a time in their school life when they were masters of the merest rudiments of knowledge and on account of the arduous labors and privations of making a new home have been unable to attend school or to study. They now find themselves grown to manhood or womanhood with the school attainments of children. To these we say, come to the University—we will give you work suited to your abilities and you will find sympathy and encouragement both from instructors and associates.

TUITION.

Tuition is free to all who have been residents of Oklahoma or the Indian Territory for one year. An incidental fee of three dollars a semester is charged, and in certain courses a small laboratory fee is required.

PREPARATORY REQUIREMENTS.

The preparatory courses required for admission to the freshman class in the courses leading to the several baccalaureate degrees offered in the College of Arts and Sciences are as follows:

- 1 course in United States History.
- 2 courses in General History.
- 1 course in Civics.
- 5 courses in English.
- 1 course in Arithmetic. (completed.)
- 3 courses in Algebra.
- 2 courses in Geometry. (plane and solid.)
- 1 course in Botany.
- 1 course in Physiology.
- 2 courses in Physics.
- 6 courses in Latin.

25 courses required.

To meet these requirements the work of the Preparatory School occupies three years called Junior, Middle and Senior, beginning from the tenth grade of the public schools.

COURSES OF STUDY.**History and Civics.***First Year.*

1. **United States History:** Related readings. Johnston and McMaster. 4 hours
2. **Civil Government and Constitution:** Willoughby's *Rights and Duties of American Citizenship*. 4 hours.

Third Year.

3. **General History to Mediaeval:** Myers, 5 hours.
4. **General History Completed:** Myers. 4 hours.

English.*First Year.*

1. **A Review of English Grammar:** Maxwell. 5 hours.
2. **English Grammar:** Baskervill and Sewell. 5 hours.

Second Year.

3. **Elementary Composition:** First study of words, sentences and paragraphs, together with figures of speech. Butler's *School English*. *Weekly Themes*. 5 hours, first semester.
4. **American Classics:** Brander Matthews' *Introduction to American Literature*; weekly themes. 4 hours, second semester.

Third Year.

5. **Rhetoric and Composition:** Genung's *Outlines of Rhetoric*; weekly themes. 3 hours, first semester.
6. **American Literature:** A careful study of three representative writers; weekly critiques. 4 hours, second semester.

Mathematics.*First Year.*

1. **Higher Arithmetic:** Completed and reviewed. 4 hours.
2. **Elementary Algebra:** Through factoring, G. C. D., L. C. M., and fractions; Sensenig's *Elementary Algebra*; 4 hours.

Second Year.

3. **Algebra:** Course 2 continued through the theory of exponents, quadratics, ratio and proportion; 5 hours.
4. **Plane Geometry:** Beman and Smith; 5 hours.

Third Year.

5. **Geometry:** Review of portions of plane and completion of solid geometry; Beman and Smith; 4 hours.

6. **Algebra:** Partial review and continuation of course 3. 4 hours.

Natural Science.

Second Year.

1. **Physiology:** Martin's *Human Body*; briefer course, with laboratory work; 4 hours.

2. **Botany:** Gray's *Lessons*; laboratory work—each student to mount fifty specimens. 3 hours.

Third Year.

3. **Physics:** Composition of matter, properties of matter, laws of falling bodies, mechanical powers, and heat, as given in Gage's *Elements of Physics*. Laboratory work. 5 hours

4. **Physics:** Sound, light, heat, and electricity; laboratory work. 4 hours.

Latin.

First Year.

1. Coy's *First Latin Book*; drill in the inflections; practice in writing easy Latin. 5 hours.

2. Coy's *Latin Reader*, continued. 5 hours.

Second Year.

3. Greenough's *Second Year Latin*; composition. 5 hours, first semester.

4. Course 3 continued. 5 hours, second semester.

Third Year.

5. **Cicero:** Select orations and letters; Kelsey's *Edition*; grammar; prose composition. 4 hours, first semester.

6. **Vergil:** Versification, grammar, prose composition; 4 hours, second semester.

READING AND ELOCUTION.

First Year.

1. **Reading:** With special work in voice placing and phonetic drill. *Evolution of Expression*, Vols. III. and IV.

Second Year.

2. **Elocution:** *Psychological Expression*, Vol. I.; Emerson's *Physical Training*.

3. **Elocution:** Together with a study of *Hamlet*. Delsarte feather movements and physical training. *Psychological Expression*, Vol. II.

MUSIC.*First Year.*

1. Natural music charts. Time devoted to learning the principles of music. Notations, Sight Reading, Tone Forming and Placing. 5 hours, first semester.

2. Part singing; chorus work; study of folk songs and choruses from the oratorios. 5 hours, second semester.

WORK OFFERED OUT OF COURSE.

In addition to the regular work as required above, the University offers to those who do not wish to fit themselves for entrance to the College of Arts and Sciences, an opportunity to do work in the following special lines:

1. In Vocal and Instrumental Music; for specific statement of courses and tuition see under the heading "School of Music."

2. In Pharmacy; for a statement of courses and requirements, see under the heading "School of Pharmacy."

3. In Bookkeeping, Typewriting and Shorthand.

The work in this third field is not a part of the University, but is given to meet the needs of those wishing the so-called business training. At present the work is in charge of Mr. R. C. Cain, who offers the following courses:

I. Bookkeeping Course:

1. Bookkeeping.
2. Commercial Law.
3. Arithmetic with special reference to interest and the application of percentage.
4. Penmanship.
5. Spelling.
6. Letter writing.

II. Shorthand Course.

1. Shorthand.
2. Typewriting.
3. Spelling and letter writing.

TUITION.**(To Members of the University.)**

For full Bookkeeping course, a month,.....	\$3.25
For Shorthand course, a month.....	3.25
For Shorthand and Typewriting, one period of each a day, a month,.....	2.50
For Penmanship. one period a day, a month.....	1.25

The courses are complete, and the methods of teaching are the most approved.

SYLLABUS OF PREPARATORY COURSES OF STUDY.

YEAR	SEMESTER.	MATH.	SCIENCE	ENGLISH	HISTORY	LATIN	GEN. EXERCISE
Junior ... {	1	Arithmetic...4	.....	Rev. Gram.....5	U. S. History...4	Latin Lessons..5	Vocal Music 5
	2	Algebra.....5	.....	Eng. Gram.....5	Civil Gov. 4	Latin Lessons..5	Vocal Music. 5
Middle... {	1	Algebra.....4	Physiology 4	Composition...5	.....	Cæsar 5	Elocution 4
	2	Geometry...5	Botany 4	Am. Class 4	.....	Cæsar 5	Elocution, Expr...4
Senior ... {	1	Geometry...4	Physics 5	Rhet.....3	Gen'l History...5	Cicero 4	.....
	2	Algebra.....4	Physics 4	Amer. Lit.....4	Gen'l History...4	Virgil 5	.....

The figures opposite each study indicate the number of recitations per week.

School of Music.

FACULTY.

GRACE ADALENE KING.....(Gottschalk Lyric School)
Director of School of Music.

FREDERIC MILLS ROSS.....
.....(Formerly Instructor Chicago Piano College)
Director Pianoforte and Harmony.

FLORENCE DUDLEY ROSS(Buffalo School of Elocution)
Lecturer on Music History.
Private: Elocution, Oratory, Delsarte and Dramatic Art.

MAUD WATT.....(University of Oklahoma School of Music, 1900)
Accompanist.

COURSES OF STUDY.

The work of the department divides into two distinct fields: that given in course for which no tuition is charged; that given out of course for which extra fees are required. The former is a part of the required work of the Preparatory School; the latter is wholly independent of other departments of the University.

Following are the prescribed courses of study:

I. Music in Course.

1. **Class A:** First principles of music, with sight-reading and chorus singing.

2. **Class B:** Continuation of Class A; part-singing, advanced theory and elements of harmony; thorough-bass; lectures upon present-day music.

NOTE:—In addition to the regular work opportunity is offered to secure additional training, as follows:

A. **Choral Class:** Practice of glees, anthems, choruses and folk-songs. Open to all students; *twice a week*.

B. (1) **Ladies' Chorus.**

(2) **Male Glee Club.**

(3) **Orchestra and Mandolin Clubs.**

(4) **Male Quartette.**

(5) **Female Quartette.**

II. Music, Special or Out of Course.

PIANOFORTE DEPARTMENT.

The work falls into four courses covering seven grades.

1. **Preparatory Course**, Grades I. and II.: It requires at least one year to complete this course. The work is identical with work commonly done in first stages and comprises technical study and a thorough knowledge of all the elementary principles of music.

2. **Teacher's Course**, Grades III., IV. and V.: Note—No pupil under fourteen years of age can enter this course. The work consists of technical exercises, study of the muscles of the hand, wrist and arm and their development. The work in harmony must be completed before one can finish this course. The teacher's course commonly requires two years for completion.

3. **Artist's Course**, Grade VI.: A thorough course in technique is given and the entering of it depends upon the ability of the pupil and the completion of the fifth grade. The full course in harmony is required before graduation and the pupils must, at the close of the year, present a recital program. This course comprises at least one year's work, over and above previous named courses.

4. **Graduate Course**, Grade VII.: High ability is required to complete this course and the question of graduation is left entirely to the option of the Director of Pianoforte. Pupils completing this course must perform a concert to be selected by the Director.

NOTE—The head of the department of piano may substitute or change the above studies to suit the needs of the individual pupil.

Reports will be given at the close of each term showing progression in technique, advancement in music, interpretation and conception; this report is to be signed by the parents.

VOCAL DEPARTMENT.

1. Preparatory Grade: Placing of the voice; breathing exercises; comprehensive explanation of the vocal organs; blending of registers; scales, major and minor, dotted chromatic, etc.

Behnke's and Bonalde's *Studies*.

2. Second Grade: Garcia's studies and methods, Concone and Aprile. Also sacred songs in English and Latin. Del-sarte throughout the entire grade.

3. Third Grade: Concert selections from German and American composers; Marchesi's, Lablache, and Panefka. One year of language, Latin, French, or Italian.

NOTE—Members of the graduating class must be able to play an accompaniment, and to read vocal music at sight. They must have studied harmony one year, and must have read musical history and musical literature.

The teacher's course in voice comprises the first three years; the full graduation or artist's course consists of the four years course.

The special aim of the Garcia method used in this department of voice is first to develop the voice throughout its entire compass, then to perfect it. It teaches the proper use and extent of the registers of the voice, diaphragmatic breathing, and pure, flexible tones. The voice under this training increases rapidly in volume and compass, and the peculiarities presented by different voices are directed and modified each according to its own nature, without the use of any printed form.

MUSIC HISTORY.

Throughout the year, lectures will be delivered by the lecturer of the department on the following subjects. No fees are charged.

I. Development of the art of music from 2000 B. C. to 1900 A. D.

II. Handel.

III. Bach.

- IV. Haydn.
- V. Mozart.
- VI. Beethoven.
- VII. Mendelssohn.
- VIII. Schuman.
- IX. Schubert.
- X. Verdi.
- XI. Gounod.
- XII. Chopin.
- XIII. Liszt.
- XIV. Rubinstein.
- XV. Grieg, etc.
- XVI. The development of the Oratorio, Opera, and Orchestra.

TUITION.**PIANOFORTE.**

Per term of 20 lessons.....\$15.00

VOICE.

Per term of 20 lessons..... 15.00

HARMONY AND COMPOSITION.

Per term of 20 lessons..... 15.00

Harmony in class, per term of 20 lessons 10.00

MANDOLIN, GUITAR, AND BANJO.

Per term of 20 lessons..... 10.00

VIOLIN.

Per term of 20 lessons..... 15.00

Elocution—Special.

Per term of 20 lessons—1 hour 20.00
(This work includes Delsarte.)

Per term of 20 lessons—one-half hour..... 10.00

Per term of 20 lessons (Delsarte)—one-half hour..... 10.00

Class—Special.

Per term of 20 lessons (Elocution and Delsarte)—1 hour.. 15.00

Per term of 20 lessons (Elocution)—one-half hour 7.50

Per term of 20 lessons (Delsarte)—one-half hour..... 7.50

TEXT-BOOKS.

Voice: Concone, Bonaldi, Aprile, Behnke, Marchesi, Garcia.

NOTE—The instruction in pianoforte, harmony and composition, will be according to the most advanced methods of the leading conservatories of this country and Europe.

GENERAL INFORMATION.

Course in Harmony: This course requires two years and comprises notations, scales, signatures, simple chord writing, a cursory view of figured basses, the harmonization of melodies through all the inversions of triads and seventh chords, sequence, modulation, suspension, six and eight part harmony with examples from the works of the standard classics.

Course in Composition: This course is elective and is not required in any of the above courses. All the different forms of composition will be carefully developed and original work will be required.

Recitals: Recitals will be given at stated intervals throughout the year at which the pupils of the School of Music must perform such pieces as their teachers may select. The advantage of these recitals cannot be overestimated. Beside giving pupils ease before an audience, they create an enthusiasm for more artistic work, thereby securing the best effort of the pupil.

Prizes—A Gold Medal Contest: A gold medal contest will be held at the close of each school year and a gold medal will be awarded the pupil who is pronounced by competent adjudicators to be the most finished performer upon the pianoforte. A similar prize will be offered pupils in voice.

Choral Union: A choral union has been established in Norman by the School of Music. The object of this organization is to create a musical interest in the town and to unite the talent of town and school. The works of the Oratorios are studied.

Regulations: Tuition must be paid in advance. All lessons missed are the loss of the pupil, except in cases of protracted sickness, in which case the lessons missed must be made up by the pupil before the close of the term. All lessons occurring upon legal holidays must be the loss of the pupil.

The duration of lessons will be thirty minutes, the full time of the lesson being devoted to interpretation. All work in technique will be free and will be done in classes.

All pupils must enter the music history class, and no pupil can be graduated in any course until he has passed a satisfactory examination in this subject.

List of Students, 1899-1900.

College of Arts and Sciences.

GRADUATE STUDENTS.

Hume, Carleton Ross, A. B., '98 Anadarko.

UNDERGRADUATE STUDENTS.

Seniors.

Hayden, Beauford Emmett	- - -	Shawnee.
Hertz, Jacob J.	- - -	Winfield, Kas.

Juniors.

Davis, Minnie May	- - -	Kingfisher.
Ferguson, Milton Jay	- - -	Norman.
Hefley, John Tillman	- - -	Norman.
Mackey, Paul Franklin	- - -	Pond Creek.
Roberts, Columbus Clifford	- - -	Deer Creek.

Sophomores.

Bogle, Maxwell Clyde	- - -	Norman.
Brittain, Alice Emmaline	- - -	Norman.
Bucklin, George Augustus	- - -	Sawyer, Kan.
House, Virginia Ruth	- - -	Sac and Fox.
Morgan, Porter Heath	- - -	Perry.
Rule, Maud	- - -	Kildare.
Samuels, Fantine	- - -	Mountain View.
Wallace, Willie Francis	- - -	Norman.
Williams, Florena	- - -	Norman.

Freshmen.

Applewhite, Gardner Henry	- - -	Tecumseh.
Barnett, Rosa Margene	- - -	Norman.
Bell, Bessie Pearl	- - -	Gainesville, Texas.
Bell, Maude Lillian	- - -	Gainesville, Texas.
Bennett, Winifred Edith	- - -	Norman.
Butcher, John Towner	- - -	Sedan, Kan.
Choate, James Roy	- - -	Norman.
Cooper, Anna Belle	- - -	Caldwell, Ohio.
Cunningham, Grace	- - -	Norman.
Davis, Thomas Jefferson	- - -	Frisco.

Edwards, Alba M.	- - - - -	Augusta.
Edwards, Burt	- - - - -	Norman.
Galbraith, Nelle	- - - - -	Terrell, Texas.
Gorton, Newton Eddy	- - - - -	Pawnee.
Gorton, Willard Livermore	- - - - -	Pawnee.
Hayden, Edith Adelia	- - - - -	Shawnee.
Kendall, William Leamon	- - - - -	Moore.
Matthews, Clyde	- - - - -	Liberty.
Morter, William Arthur	- - - - -	Norman.
Oaks, Coram	- - - - -	Kingfisher.
Overstreet, Minnie	- - - - -	Norman.
Sell, Eula Esther	- - - - -	Wynnewood.
Stratton, Zoe Agnes	- - - - -	Ingalls.
Vanderslice, Edward Moore	- - - - -	Union.
Watson, Sylvia Lora	- - - - -	Norman.

Special Students.

Choate, Annie Jay	- - - - -	Norman.
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Pre-Medical Students.

Hume, Raymond Robinson	- - - - -	Anadarko.
McKenzie, Walter Henry	- - - - -	Enid.
Smith, John Leo,	- - - - -	Norman.
Wolcott, Constance Madge	- - - - -	Chandler.

SCHOOL OF PHARMACY.

II Year.

Adams, Edwin	- - - - -	Kingfisher.
Alexander, Reuben Dudley	- - - - -	Norman.
Asbury, John Henderson	- - - - -	Lexington.
Corry, James Frank	- - - - -	Enid.
Davis, Alfred Claude	- - - - -	Weatherford.
Fees, Logan Loyal	- - - - -	Parkland.
Gilbert, Clay	- - - - -	Augusta.
Martin, Roscoe Lloyd	- - - - -	Shawnee.
Snapp, Alvin Parker	- - - - -	Norman.
Sommers, Horace Albert	- - - - -	Norman.
Sturgeon, Nelson	- - - - -	Norman.
Taft, Martin Garber	- - - - -	Garber.

I Year.

Asbury, Benjamin Franklin	- - - - -	Lexington.
Asbury, Robert William	- - - - -	Lexington.
Biggs, Winfield Scott	- - - - -	Tecumseh.
Bolend, Floyd Jackson	- - - - -	Kingfisher.
Brewer, Charles Milton	- - - - -	Carwile.
Campbell, Fred Dell	- - - - -	Watonga.
Chandler, Eunice Lilly	- - - - -	Woodward.
Chandler, Henry Anderson	- - - - -	Woodward.

Chesney, Thomas	Arkansas	-	-	-	Norman.
Courtney, William	Solon	-	-	-	Quincy.
Durham, Thomas	Ewing	-	-	-	Tecumseh.
Gates, William	John	-	-	-	Rush Springs, I. T.
Hill, Thomas	Lenial	-	-	-	Arkansas City, Kan.
Hume, Raymond	Robinson	-	-	-	Anadarko.
Johnson, Jabes	Roscoe	-	-	-	Cheyenne.
Johnson, Oscar	Warren	-	-	-	Kingfisher.
Lindsay, Ray	Dewesse	-	-	-	Norman.
Martin, William	Thomas	-	-	-	Pawnee.
McCartney, John	James	-	-	-	Kingfisher.
Montgomery, Harriet	Evans	-	-	-	Norman.
Northup, Don	Alonzo	-	-	-	Dover.
Owens, Benjamin		-	-	-	Chandler.
Peebles, Hilton	Samuels	-	-	-	Norman.
Richards, Samuel	Watt	-	-	-	McGee, I. T.
Smith, Albert	Raymond	-	-	-	Yukon.
Suman, Charles	Conrad	-	-	-	Cushing.
Taylor, Richard	Elmo	-	-	-	Navajoe.
Tribbey, Thomas	Henry	-	-	-	Moral.
Vincent, John	Burton	-	-	-	Highland.
Weedn, Alva	James	-	-	-	Burnett.
Wiles, Roscoe	Worthy	-	-	-	Nardin.
Wolcott, Constance	Madge	-	-	-	Chandler.

PREPARATORY SCHOOL.**Senior.**

Ambrister, Maud	Anna	-	-	-	Norman.
Bell, James	Ralph	-	-	-	Gainesville, Tex.
Crow, Ray		-	-	-	Deer Creek.
Ferguson, Burg		-	-	-	Norman.
Flesher, Charles	Cuthbert	-	-	-	Norman.
Gray, Josephine		-	-	-	Perkins.
Harvey, Frederick	Everett	-	-	-	Chandler.
Jenkins, Delbert	White	-	-	-	Guthrie.
Kirk, Charles	Townsend	-	-	-	Moore.
Kirkpatrick, Jesse	Joel	-	-	-	Union.
Larkin, Pierce		-	-	-	Carwile.
Lockerd, Lulu	Oneta	-	-	-	Mangum.
Martin, Robert	Clyde	-	-	-	Perry.
McCabe, Edward	Scott	-	-	-	Kingfisher.
McElHinney, Alexander	Stuart	-	-	-	Chandler.
McKenzie, Walten	Henry	-	-	-	Enid.
Medlock, John	Charles	-	-	-	Norman.
Miller, Frank	O.	-	-	-	Norman.
Miller, Lillie	Kate	-	-	-	Norman.
Monroe, Florence	Amanda	-	-	-	Norman.
Phillips, Franklin	Murrey	-	-	-	Pawnee.
Overstreet, Clara		-	-	-	Norman.

Ragland, Tom	-	-	-	-	-	Johnson, I. T.
Short, Harvey Louis	-	-	-	-	-	Norman.
Steele, Ida Maria	-	-	-	-	-	Norman.
Stephenson, Ellis Emory	-	-	-	-	-	Oklahoma City.
VanWinkle, Paul Henry	-	-	-	-	-	Shawnee.

Middle.

Baker, William	-	-	-	-	-	Elmore, I. T.
Berry, Cora	-	-	-	-	-	Cloud Chief.
Cade, Cash Marcellus	-	-	-	-	-	Shawnee.
Carter, Alberta Ethel	-	-	-	-	-	Liberty.
Conley, Cornelia	-	-	-	-	-	Lexington.
Edwards, Ellis Lincoln	-	-	-	-	-	Augusta.
Ewing, Allen Roe	-	-	-	-	-	Norman.
Ewing, Robert Lee	-	-	-	-	-	Norman.
Fisher, Clarence Willard	-	-	-	-	-	Norman.
Grant, William Griffing	-	-	-	-	-	Pawnee.
Hooper, Lulu	-	-	-	-	-	Norman.
Kelly, William Pliny	-	-	-	-	-	Oklahoma City.
Long, Charles Alexander	-	-	-	-	-	Union.
Loomis, Adelaide Clara	-	-	-	-	-	Norman.
Loomis, Alta Vivian	-	-	-	-	-	Norman.
McCartney, Roscoe Ida	-	-	-	-	-	Moore.
McCoy, Frank Alexander	-	-	-	-	-	Sawyer.
McCoy, Clara Augusta	-	-	-	-	-	Norman.
*Meece, William Franklin	-	-	-	-	-	Dayton.
Merkle, John Arthur	-	-	-	-	-	Norman.
Nelson, James Ward	-	-	-	-	-	Oklahoma City.
Palmer, Freddie Leslie	-	-	-	-	-	Norman.
Pinnick, Addie Belle	-	-	-	-	-	Norman.
Pointer, William Joseph	-	-	-	-	-	Norman.
Reeds, Chester Albert	-	-	-	-	-	Norman.
Reeds, Clarence	-	-	-	-	-	Norman.
Short, Daniel Webster	-	-	-	-	-	Norman.
Spitler, Jennie Lillian	-	-	-	-	-	Thurston.
Taft, George James	-	-	-	-	-	Garber.
Tosh, Harry B.	-	-	-	-	-	Nardin.
Trosper, Benjamin David	-	-	-	-	-	Oklahoma City.
Turner, Archie Thomas	-	-	-	-	-	Davis.
VanWinkle, Gretchen	-	-	-	-	-	Shawnee.
Walker, James Fred	-	-	-	-	-	Garber.
Wallace, Charles Stuart	-	-	-	-	-	Norman.
Wheeler, Floyd Henderson	-	-	-	-	-	Cloud Chief.
Wherry, William Anderson	-	-	-	-	-	Norman.
Wherry, Winona Wilmuth	-	-	-	-	-	Arlington, Iowa.
Williams, Katherine	-	-	-	-	-	Norman.
Williams, Lee	-	-	-	-	-	Norman.
Wingate, Robert Henry	-	-	-	-	-	Norman.
Wintin, Leota King	-	-	-	-	-	Norman.

*Deceased.

Junior.

Albright, William Oliver	-	-	-	Union City.
Alexander, Addie Mabel	-	-	-	Norman.
Arnold, Samuel Lee	-	-	-	Omen, Texas.
Aston, Roscoe Conklin	-	-	-	Okeene.
Atkinson, Alice Lois	-	-	-	Luella.
Atkinson, Ira Grayson	-	-	-	Luella.
Bradley, Benjamin Franklin	-	-	-	Bradley, I. T.
Baker, James Philip	-	-	-	Geary.
Beaty, Earnest Frederick	-	-	-	Cheyenne.
Berry, Daniel Judson	-	-	-	Marietta, I. T.
Biggs, Maude Belle	-	-	-	Tecumseh.
Boughton, Pearl	-	-	-	Moore.
Boyd, Mary Alice	-	-	-	Norman.
Brannon, John Claude	-	-	-	Norman.
Broaddus, Richard Dejarnette	-	-	-	Pawnee.
Browning, Joanne Agnes	-	-	-	Keokuk Falls, I. T.
Burch, Edward Price	-	-	-	Claude.
Burch, Wyatt Press	-	-	-	Claude.
Campbell, Fleta Emma	-	-	-	Watonga.
Choate, Joseph Lynn	-	-	-	Norman.
Conner, Wilbur Wright	-	-	-	Norman.
Cox, Orvil	-	-	-	Norman.
Cranfill, Leah Maude	-	-	-	Loco, I. T.
Daggs, Charles	-	-	-	Ada, I. T.
Darrow, George Wilson	-	-	-	Mustang.
Darrow, Maud Anna	-	-	-	Mustang.
Davis, Benjamin Franklin	-	-	-	Frisco.
Davis, Charles Walter	-	-	-	Frisco.
Denison, Hattie Elizabeth	-	-	-	Norman.
Denison, Nora May	-	-	-	Norman.
Dietrich, Burk Burnett	-	-	-	Anadarko, I. T.
Dietrich, Thomas Merrell	-	-	-	Anadarko, I. T.
Elder, Claude James	-	-	-	Norman.
Fletcher, Ruby Lillian	-	-	-	Norman.
Fletcher, Ruth May	-	-	-	Norman.
Foster, Samuel James	-	-	-	Chandler.
Forrest, Randolph Joseph	-	-	-	El Reno.
Gilbert, Paul	-	-	-	Augusta
Giles, John Royal	-	-	-	Norman.
Goldsbury, William Herod	-	-	-	Zybra.
Fox, Nicholas Benedict	-	-	-	Parkland.
Furray, Henry Mounce	-	-	-	Norman.
Furray, John Wesley	-	-	-	Norman.
Hannah, James Washington	-	-	-	Overbrook, I. T.
Harder, Oscar Edward	-	-	-	McLoud.
Heath, Frank Griffin	-	-	-	Lexington.
Hornbeck, Ellen Grace	-	-	-	Deer Creek.
Hornbeck, Henry Dewitt	-	-	-	Deer Creek.

House, Rae Lorena	- - - - -	Sac and Fox.
*Howard, Joda	- - - - -	- Chandler.
Hull, Lucy	- - - - -	Norman.
Hughes, Lulu Belle	- - - - -	Norman.
Hurd, Georgia	- - - - -	Norman.
Hurd, Jennie	- - - - -	Norman.
Jarrett, Adolphus James	- - -	Wynnewood, I. T.
Jenkins, William Wilson	- - -	Guthrie.
Jones, Effie May	- - - - -	Ada, I. T.
King, Evalena	- - - - -	Norman.
Lewallen, George Jesse	- - - - -	Weatherford.
Lowry, Bertha Elvira	- - - - -	Council.
Lynch, Walter Louis	- - - - -	Norman.
Lynch, Jasper Day	- - - - -	Norman.
McCorkle, William Harvey	- - -	Lexington.
McDaniel, Job Miller	- - - - -	Norman.
McKnight, James A. Garfield	- - -	Cora.
McKnight, William	- - - - -	Cora.
Miller, Melvin Harly	- - - - -	El Reno.
Mood, Thomas Custer	- - - - -	McGee, I. T.
Morgan, Blanche	- - - - -	Norman.
Peck, Adolph Curtis	- - - - -	Arapahoe.
Pendleton, William Baxter	- - -	Van Alstyne, Tex.
Pitman, Clyde Green	- - - - -	Shawnee.
Pool, Willard Hosea	- - - - -	Norman.
Porch, Artie Grace	- - - - -	Weatherford.
Ringo, Ollie May	- - - - -	Norman.
Roberts, Frederick William	- - -	Deer Creek.
Schein, Otto	- - - - -	Frisco.
Segar, Jesse Miles	- - - - -	Colony.
Simpson, Ernest Roy	- - - - -	El Reno.
Slemp, Charlie Camp	- - - - -	Yukon.
Smith, Elgin	- - - - -	Center, I. T.
Smith Adelia	- - - - -	Tyro.
Spangler, Lillie B.	- - - - -	Ada, I. T.
Speyers, Michael Summers	- - -	Brown.
Springer, Lee Van	- - - - -	Oklahoma City.
Stiles, Darwin	- - - - -	Rossville.
Straka, Fredek	- - - - -	Oklahoma City.
Sumner, John Henry	- - - - -	Cloud Chief.
Teas, Anna	- - - - -	Tecumseh.
Tribbey, Mattie Annie	- - -	Moral.
Trout, May	- - - - -	Watonga.
Vaughn, Edward Anderson	- - -	Chickasha, I. T.
Vaughn, Grover Cleveland	- - -	Chickasha, I. T.
Weiselogel, Julius William	- - -	Newkirk.
Wells, Pearl	- - - - -	Union.
Westmoreland, Charles Aspberry	- - -	Cloud Chief.
White, Samuel William	- - - - -	Manilla.

*Deceased.

Williams, Maibelle	-	-	-	-	-	Watonga.
Wilson, Harley Reed	-	-	-	-	-	Guild.
Wiltse, Raymond Edgar	-	-	-	-	-	Norman.
Witt, Oliver Perry	-	-	-	-	-	Claude.
Wood, Nancie Ann	-	-	-	-	-	Union.

SCHOOL OF MUSIC.

Alden, Yetta, p.	-	-	-	-	-	Norman.
Allen, Nelle, p, h, m.	-	-	-	-	-	Parsons, Kansas.
Ambrister, Maude, p, h, m.	-	-	-	-	-	Norman.
Beatty, Martha, p, m.	-	-	-	-	-	Blackwell.
Bell, Maude p.	-	-	-	-	-	Norman.
Blake, Etta, e.	-	-	-	-	-	Norman.
Blake, Eva, e.	-	-	-	-	-	Norman.
Bolend, Floyd, v.	-	-	-	-	-	Kingfisher.
Boyd, Mary Alice, p, m.	-	-	-	-	-	Norman.
Brittain, Alice, v, m, e.	-	-	-	-	-	Norman.
Brown, Grace, p, m, e.	-	-	-	-	-	Norman.
Brown, Mrs. Carl, p, m.	-	-	-	-	-	Norman.
Capshaw, Euline, p.	-	-	-	-	-	Norman.
Choate, Anna, p, h, m.	-	-	-	-	-	Norman.
Choate, Lynn, v.	-	-	-	-	-	Norman.
Conley, Cornelia, p, m, e.	-	-	-	-	-	Lexington.
Corn, Minnie Ella, p.	-	-	-	-	-	Norman.
Davidson, Ella Ford, p, m.	-	-	-	-	-	Norman.
Dietrich, Thomas, p.	-	-	-	-	-	Anadarko, I. T.
Dietrich, Burke, p.	-	-	-	-	-	Anadarko, I. T.
Fletcher, Ruth, p, m.	-	-	-	-	-	Norman.
Forbes, Minnie, p, m.	-	-	-	-	-	Norman.
Forbes, Olla, p.	-	-	-	-	-	Norman.
Freeman, Nora Anna, p.	-	-	-	-	-	Norman.
Graham, Maude Bell, v, p, m.	-	-	-	-	-	Marlow, I. T.
Graybill, Emily Louise, p, m.	-	-	-	-	-	Norman.
Haksteen, Hannah May, p.	-	-	-	-	-	Norman.
Hefley, Nellie Clementine, v, m.	-	-	-	-	-	Norman.
Hefley, Belle, e.	-	-	-	-	-	Norman.
Hooper, Lulu, p, h, m.	-	-	-	-	-	Norman.
Hughes, Lulu Belle, p.	-	-	-	-	-	Norman.
Hullum, Ninnis Ominion, p, h, m, e.	-	-	-	-	-	Norman.
Ince, Mrs. Kate Clara, p, h, m.	-	-	-	-	-	Norman.
Johnson, Ina, e.	-	-	-	-	-	Norman.
Johnson, Veta, e.	-	-	-	-	-	Norman.
Kingkade, Andrew Martin, p, m.	-	-	-	-	-	Norman.
Longwell, Elbert Freemont, p.	-	-	-	-	-	Norman.
Lynds, Dayse Irene, v, p, m, e.	-	-	-	-	-	Oklahoma City.
McCarty, Anna, p.	-	-	-	-	-	Norman.
McMakin, Florence, p.	-	-	-	-	-	Norman.
Moore, Agnes, v.	-	-	-	-	-	Norman.

Moore, Fannie, p.	-	-	-	-	-	Norman.
Moore, Elizabeth, p.	-	-	-	-	-	Norman.
Morgan, Blanche, p, m.	-	-	-	-	-	Norman.
Nelson, James, v.	-	-	-	-	-	Oklahoma City.
Phelps, Flora, e.	-	-	-	-	-	Norman.
Renner, Minnie, e.	-	-	-	-	-	Norman.
Rutledge, Mrs. Cora Cunningham, p, m.	-	-	-	-	-	Norman.
Tate, William, p.	-	-	-	-	-	Norman.
Threadgill, Jennie, p.	-	-	-	-	-	Norman.
Trout, May, p, m.	-	-	-	-	-	Watonga.
Wallace, Odessa, p.	-	-	-	-	-	Norman.
Watt, Maud, v, p, h, m.	-	-	-	-	-	Enid.
Wherry, Winona Wilmuth v, m, e.	-	-	-	-	-	Arlington, Iowa.
Wherry, William Anderson, m.	-	-	-	-	-	Norman.
White, Mary, p.	-	-	-	-	-	Norman.
Williams, Jonnie, p.	-	-	-	-	-	Norman.
Williams, Katherine, p, h, m, e.	-	-	-	-	-	Norman.
Williams, Lee, e.	-	-	-	-	-	Norman.

In the above "v" stands for voice culture, "p" stands for work on piano, "h" stands for work in harmony and composition, "m" stands for work in musical history, and "e" work in elocution and dellsarte.

GENERAL SUMMARY.

College of Arts.

Graduate Students	-	-	-	-	-	-	2
Seniors	-	-	-	-	-	-	-1
Juniors	-	-	-	-	-	-	5
Sophomores	-	-	-	-	-	-	7
Freshmen	-	-	-	-	-	-	27
Specials	-	-	-	-	-	-	-1
PRE-MEDICAL DEPARTMENT	-	-	-	-	-	-	4

School of Pharmacy.

Second Year	-	-	-	-	-	-	12
First Year	-	-	-	-	-	-	-32

Preparatory School.

Senior	-	-	-	-	-	-	27
Middle	-	-	-	-	-	-	43
Junior	-	-	-	-	-	-	102

SCHOOL OF MUSIC	-	-	-	-	-	-	59
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Total	-	-	-	-	-	-	322
Repetitions	-	-	-	-	-	-	27
Total number enrolled up to May 10, '00	-	-	-	-	-	-	295
Total number enrolled to May 10, 1899	-	-	-	-	-	-	242
Gain over last year	-	-	-	-	-	-	53

THE UNIVERSITY OF OKLAHOMA

FOUNDED BY AN ACT OF LEGISLATURE,
APPROVED, DECEMBER 19, 1890.
ORGANIZED, AUGUST, 1892.

GENERAL INFORMATION AND ANNOUNCEMENT
FOR 1901-1902.



NORMAN, OKLAHOMA.

1901

CALENDAR

1901

	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
Jan.	6	7	8	9	10	11	12	May	5	6	7	8	9	10	11	Sept.	1	2	3	4	5	6	7
	13	14	15	16	17	18	19		12	13	14	15	16	17	18		8	9	10	11	12	13	14
	20	21	22	23	24	25	26		19	20	21	22	23	24	25		15	16	17	18	19	20	21
	27	28	29	30	31	..	..		26	27	28	29	30	31	..		22	23	24	25	26	27	28
Feb.	3	4	5	6	7	8	9	June	2	3	4	5	6	7	8	Oct.	6	7	8	9	10	11	12
	10	11	12	13	14	15	16		9	10	11	12	13	14	15		13	14	15	16	17	18	19
	17	18	19	20	21	22	23		16	17	18	19	20	21	22		20	21	22	23	24	25	26
	24	25	26	27	28	..	..		23	24	25	26	27	28	29		27	28	29	30	31	..	..
Mar.	3	4	5	6	7	8	9	July	1	2	3	4	5	6	..	Nov.	3	4	5	6	7	8	9
	10	11	12	13	14	15	16		7	8	9	10	11	12	13		10	11	12	13	14	15	16
	17	18	19	20	21	22	23		14	15	16	17	18	19	20		17	18	19	20	21	22	23
	24	25	26	27	28	29	30		21	22	23	24	25	26	27		24	25	26	27	28	29	30
	31	..	..	..	..	..	..		28	29	30	31	..	..	..		24	25	26	27	28	29	30
Apr.	1	2	3	4	5	6	..	Aug.	4	5	6	7	8	9	10	Dec.	1	2	3	4	5	6	7
	7	8	9	10	11	12	13		11	12	13	14	15	16	17		8	9	10	11	12	13	14
	14	15	16	17	18	19	20		18	19	20	21	22	23	24		15	16	17	18	19	20	21
	21	22	23	24	25	26	27		25	26	27	28	29	30	31		22	23	24	25	26	27	28
	28	29	30	..	..	..	..		..	..	..	..	..	..	..		29	30	31	..	..	..	..

1902

CALENDAR

1902

	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
Jan.	5	6	7	8	9	10	11	May	4	5	6	7	8	9	10	Sept.	7	8	9	10	11	12	13
	12	13	14	15	16	17	18		11	12	13	14	15	16	17		14	15	16	17	18	19	20
	19	20	21	22	23	24	25		18	19	20	21	22	23	24		21	22	23	24	25	26	27
	26	27	28	29	30	31	..		25	26	27	28	29	30	31		28	29	30	..	..	..	..
Feb.	2	3	4	5	6	7	8	June	1	2	3	4	5	6	7	Oct.	5	6	7	8	9	10	11
	9	10	11	12	13	14	15		8	9	10	11	12	13	14		12	13	14	15	16	17	18
	16	17	18	19	20	21	22		15	16	17	18	19	20	21		19	20	21	22	23	24	25
	23	24	25	26	27	28	..		22	23	24	25	26	27	28		26	27	28	29	30	31	..
Mar.	2	3	4	5	6	7	8	July	6	7	8	9	10	11	12	Nov.	2	3	4	5	6	7	8
	9	10	11	12	13	14	15		13	14	15	16	17	18	19		9	10	11	12	13	14	15
	16	17	18	19	20	21	22		20	21	22	23	24	25	26		16	17	18	19	20	21	22
	23	24	25	26	27	28	29		27	28	29	30	31	..	..		23	24	25	26	27	28	29
	30	31	..	..	..	..	..		..	..	..	..	..	..	..		30	..	..	..	..	..	..
Apr.	6	7	8	9	10	11	12	Aug.	3	4	5	6	7	8	9	Dec.	7	8	9	10	11	12	13
	13	14	15	16	17	18	19		10	11	12	13	14	15	16		14	15	16	17	18	19	20
	20	21	22	23	24	25	26		17	18	19	20	21	22	23		21	22	23	24	25	26	27
	27	28	29	30	..	..	..		24	25	26	27	28	29	30		28	29	30	31	..	..	..
	..	..	..	..	..	..	..		31	..	..	..	..	..	..		..	..	..	..	..	..	..

CALENDAR.

1901.

First semester begins Tuesday, September 10th, 2 P. M.
Enrollment of students.

Meeting of classes and assignment of work Thursday,
September 12th, 8 A. M. Formal opening of the University
and address by the President, 10 A. M.

Thanksgiving recess begins Wednesday, November 27th,
12:30 P. M.

Thanksgiving recess ends Monday, December 2nd, 8 A. M.

Christmas holidays begin Friday, December 20th, 12:30 P. M.

1902.

Christmas holidays end Monday, January 6th, 8 A. M.

First semester examinations begin Monday, January 27th.

First semester closes Friday, January 31st.

Second semester begins Monday, February 3rd, 2 P. M.
Enrollment of students.

Washington's Birthday, Saturday, February 22nd.

Senior examinations begin Friday, May 23rd.

Decoration Day, Friday, May 30th.

Final examinations begin Friday, May 30th.

President's reception to graduating classes, Friday,
May 30th.

Baccalaureate sermon, Sunday, June 1st, 11 A. M.

Annual concert of School of Music, Thursday, June 5th,
8 P. M.

Commencement, Friday, June 6th, 10:30 A. M.

Meeting of Alumni Association, Friday, June 6th, 4 P. M.

BOARD OF REGENTS.

GOVERNOR WILLIAM M. JENKINS, <i>ex-officio</i>	Guthrie
MR. HENRY E. ASP.....	Guthrie
MR. C. O. BLAKE.....	El Reno
G. W. SUTTON, M. D.....	Cleveland
MR. CHARLES L. BOTSFORD.....	Norman
HON. R. E. WOOD.....	Shawnee

OFFICERS OF THE BOARD.

MR. HENRY E. ASP.....	President
MR. C. L. BOTSFORD.....	Secretary

STANDING COMMITTEES.

Executive: Governor William M. Jenkins. Mr. Charles L. Botsford, President David R. Boyd.

House and Grounds: Mr. Charles L. Botsford, Mr. C. O. Blake, G. W. Sutton, M. D.

FACULTY.

- DAVID ROSS BOYD, Ph. D. (University of Wooster), President.
Professor of Mental and Moral Sciences.
- EDWIN DEBARR, M. S., Ph. D. (University of Michigan).
Professor of Chemistry and Pharmacy.
- JAMES SHANNON BUCHANAN, B. S. (Cumberland University).
Professor of History and Civics.
- *JOSEPH FRANCIS PAXTON, A. M. (Harvard), A. B. (University of Missouri).
Professor of Greek and Latin.
- FREDERICK STANTON ELDER, A. B. (Princeton).
Professor of Mathematics.
- VERNON LOUIS PARRINGTON, A. B. (Harvard), A. M.
Professor of English.
- ALBERT HEALD VANVLEET, B. S. (University of Wisconsin),
Ph. D. (Leipzig, Germany),
Professor of Biology and ex-officio Territorial Geologist.
- †GRACE ADALINE KING,
Instructor in Voice Culture and Oratory, and Director of
School of Music.
- LAWRENCE WOOSTER COLE, A. B. (University of Oklahoma).
Instructor in Psychology and Education, and Acting
Principal of Preparatory School.
- WILLIAM HOLLAND MATLOCK, Ph. B. (Drake University;
1896-97, Goettingen; 1897-98, Munich; 1898-99, Paris).
Instructor in French and German.
- LAWRENCE NORTHCOTE UPJOHN, M. D. (University of Michigan).
Instructor in Anatomy and Physical Culture.
- JAMES WELLINGS STURGIS, A. B., A. M. (University of Michigan).
Instructor in Latin and Greek during absence of Professor Paxton.
- CHARLES NEWTON GOULD, B. S., A. M. (University of Nebraska).
Instructor in Geology.

Instructor in Preparatory English.

*In Europe on leave of absence.

†Resigned.

Tutors and Assistants.

FREDERICK MILLS ROSS, Instructor on the Pianoforte and in Harmony.

MAXWELL PHILLIPS, Tutor in Spanish.

WILLIAM LEAMAN KENDALL, Tutor in Latin.

ROSCOE MARTIN, Phar. Chem., Tutor in Chemistry and Pharmacy.

RUTH HOUSE, Tutor in Preparatory English.

PAUL WHITE, A. B., (Southwest Kansas College,) A. M., (University of Oklahoma,) Tutor in History.

RAY CROW, Tutor in Preparatory Mathematics.

Other Officers.

MAUD RULE, Librarian.

MILTON JAY FERGUSON, Assistant Librarian.

GEORGE AUGUSTUS BUCKLIN, Registrar and Secretary to the President.

CHARLES D. BUNKER, Collector and Preparator for Biological Museum.

SARDIS ROY HADSELL, Office Assistant.

THOMAS TRIBBEY, Dispensing Clerk in Chemistry and Pharmacy.

ISAAC N. PRICKETT, Head Janitor.

Committees of the Faculty.

FRESHMAN STUDIES: Professor VanVleet, Chairman; Professors Parrington and Paxton.

HIGH SCHOOLS: The President, Chairman; Professor Buchanan and Mr. Cole.

LIBRARY: The President, Chairman; Professors Parrington and VanVleet.

NON-ATHLETIC ORGANIZATIONS: Professor DeBarr, Chairman; Mr. Cole and Mr. Matlock.

CATALOGUE: The President, Chairman; Professors Parrington, Elder and Paxton.

DISCIPLINE: The President Chairman; Professors DeBarr and Buchanan.

ATHLETICS: Professors VanVleet, Parrington, DeBarr, Elder and Dr. Upjohn.

The University of Oklahoma.

ORGANIZATION.

The University organization consists of the following schools:

1. College of Arts and Sciences.
2. School of Pharmacy.
3. Preparatory School.
4. School of Music.

The College of Arts and Sciences embraces:—

1. An Undergraduate Course, in the main elective.
2. Courses preliminary to work in Engineering.
3. A Medical Course.

Courses 1 and 3 lead to the bachelor's degree.

The School of Pharmacy covers two years' work and leads to the degree of Pharmaceutical Chemist.

The Preparatory School covers a three years' course, leading to the Freshman class.

The School of Music embraces:—

1. Preparatory Course.
2. Teachers' Course.
3. Artists' Course.
4. Graduate Course.

Upon completion of a given course, a certificate to that effect is granted by the University.

FOUNDATION AND RESOURCES.

The University is founded upon the authority of an act of the Legislature of the Territory of Oklahoma entitled "An Act to Locate and Establish the University of Oklahoma." The act provided that when ten thousand dollars and forty acres of

land should be donated to the Territory by the City of Norman the institution should be located at that place. These requirements having been met, the University was established at Norman in 1892.

The law then proceeds to state more explicitly the scope and purposes of the school as follows:

(6787). § 9. The object of the University of Oklahoma shall be to provide the means of acquiring a thorough knowledge of the various branches of learning connected with scientific, industrial and professional pursuits, in the instruction and training of persons in the theory and art of teaching, and also the fundamental laws of the United States and this Territory in what regards the rights and duties of citizens.

* * * * * *

(6788). § 10. The college department of arts shall embrace courses of instruction in mathematical, physical and natural sciences with their application to the industrial arts, such as agriculture, mechanics, engineering, mining and metallurgy, manufactures, architecture and commerce, and such branches included in the college of letters as shall be necessary to proper fitness of pupils in the scientific and practical courses of their chosen pursuits, and in military tactics; and in the normal department the proper instruction and learning in the theory and art of teaching in the common schools; and as soon as the income of the University will allow, in such order as the wants of the public shall seem to require, the said courses in the sciences and their application to the practical arts shall be expanded into distinct colleges of arts, and shall embrace a liberal course of instruction in language, literature and philosophy, together with such courses or parts of courses in the college of arts as the regents of the University shall prescribe.

(6789). § 11. The University shall be open to female as well as to male students, under such regulations and restrictions as the Board of Regents may deem proper, and all able-bodied male students of the University in whatever college may receive instruction and discipline in military tactics, the requisite arms for which shall be furnished by the Territory.

The University is supported by a general tax of one-half mill upon each dollar of valuation on the assessment roll of

the Territory. In addition to this, Section 13 in each township in what is known as the Cherokee Outlet was reserved from settlement for University, Normal School and Agricultural College purposes in the proclamation of the President of the United States opening those lands to settlement. The lands so reserved have been appropriated for the above purposes by act of Congress and have been leased for the benefit of the institutions named.

SITUATION.

Norman, the seat of the University, is the county seat of Cleveland County. It is a growing town of 3,500 inhabitants, situated eighteen miles south of Oklahoma City on the Atchison, Topeka & Santa Fe railroad. It stands on high ground sloping to the Canadian river and is pre-eminently healthful. The winters are mild and the atmosphere dry and bracing. The citizens of Norman are from all parts of the United States and are united in their hearty sympathy with educational matters.

MATERIAL EQUIPMENT.

Building and Grounds:—

The main building of stone and pressed brick contains twenty-three recitation and reception rooms and a large chapel. It is situated on a fine campus of forty acres at a good elevation overlooking the surrounding country, one mile south of the business portion of the town. The campus and approaching boulevard have been set out in trees. At present there are twelve acres planted in elm, ash, locust, etc.

Chemical and Pharmaceutical Laboratories:—

The departmental laboratories comprise four rooms in the west end of the building as follows:

1. A large room on the first floor used for general lectures and recitations.
2. A chemical and pharmaceutical laboratory fitted with tables for seventy students; this laboratory is supplied with water and the modern appliances for laboratory work in chemistry and pharmacy.
3. A dispensing room containing the various drugs, chemicals, apparatus, etc., needed for the use of students.
4. A weighing room with a capacity for thirty pairs of chemical balances.

Biological Laboratories:—

The departmental laboratories comprise six rooms in the east end of the building as follows:

1. A large room on the first floor for work in botany, physiology and general biology. This room is fitted with tables for the accommodation of forty students. It contains the herbarium and may be darkened for the use of the lantern.

2. A histological and embryological laboratory accommodating twenty students.

3. An office used for work in connection with the Territorial Geological Survey, of which the Professor of Biology is *ex-officio* director.

4. A large room in the basement for work in anatomy and bacteriology.

5. A room for work in taxidermy and the preparation of general material.

6. A dark room for work in photography.

The equipment of the department includes seventeen compound microscopes, seven of which are furnished with Abbe condensers and 1-12 inch oil immersion lenses, forty-eight dissecting microscopes, a Minot automatic microtome, a Criterion stereopticon model B, a set of anatomical models for illustrating the work in physiology and anatomy, an autoclave, incubator, hot air sterilizers, paraffine baths, together with the chemicals, stains, glassware, etc., necessary for work in histology, embryology and bacteriology.

Music Rooms:—

Temporary quarters for the work of the School of Music have been provided on West Main street. There are three rooms as follows:

1. A concert hall with seating capacity for 250.

2. Two instruction rooms.

Gymnasium:—

The department of physical culture has been organized this year under the supervision of a director, and a well appointed gymnasium has been added to the equipment of the University. This is located in a commodious room on the ground floor with a floor space of 24x77 feet. The gymnasium is fitted with the best of the more essential pieces of appa-

ratus, together with a full outfit of dumbbells and wands for class drill in calisthenics and light gymnastics. In addition there is in connection with the gymnasium an annex, containing a locker room and a bath room with showers.

The gymnasium is open every week day between the hours of 3:30 P. M. and 9:00 P. M. No fees are required for the use of either the gymnasium or the baths. All work is under medical supervision. Each student is expected to undergo a complete physical examination. This is required of those who practice in the gymnasium, that physical defects may be noted and suitable exercises for their correction advised. It has so far been impossible fully to complete organization of work in physical culture for women. At present they have the use of the gymnasium two afternoons per week. It is hoped soon to increase the facilities in this department by the equipment of a gymnasium especially for women.

During this season basket ball has become popular among both men and women, and teams have been organized for play out of doors as well as in the gymnasium.

New Buildings:—

By an act of the Legislature approved March 8, 1901, the University was granted the income for two years from a tax of seven-tenths of a mill on the dollar, on all taxable property of the Territory; the amount to be spent for building, however, not to exceed \$90,000.00, and in addition, the citizens of Norman to deed to the University twenty acres of land lying just east of the present campus. In accordance with that bill plans are being drawn for three buildings, as follows:

1. A main recitation hall, together with the president's offices and a library wing, at the estimated cost of \$70,000.00.

2. A gymnasium and field, at the estimated cost of \$10,000.00.

3. A central heating and light plant.

The present building will be re-arranged and used for work in chemistry, biology and geology.

OKLAHOMA GEOLOGICAL AND NATURAL HISTORY SURVEY.

By an act of the Legislature of 1899 a department of Geology and Natural History for the Territory was established with headquarters at the University of Oklahoma, the Professor of Biology of that institution being made *ex-officio* Territorial Geologist and Curator of the Museum.

The purpose of the survey is thus stated in the act providing for the same:

"A department of Geology and Natural History is hereby established for the purpose of beginning and continuing the geological and scientific survey of this Territory, and of discovering and developing its natural resources, and disseminating information in regard to its agricultural, mining and manufacturing advantages."

The act requires that the Territorial Geologist make a biennial report to the Governor of his labors and discoveries. The first biennial report is now in the hands of the Governor, and includes a report on the general geology of the Territory with special reference to the age of the so called red-beds, and a report on the flora of the Territory, dealing especially with the summer flora of the northwestern and central portions of the same.

It is evident from the section quoted above that a complete survey of the Territory is contemplated. The work will have to be prosecuted with comparative slowness, and will require years for its completion.

Among the subjects that call for immediate investigation are the following:

1. The General Geology of Oklahoma.
2. Its Mineral Resources.
3. Its Building Stone and Clays.
4. Its Soils.
5. Its Water Supply.
6. Its Flora.
7. Its Fauna.

It is not the intention of the survey to replace individual investigations, but rather to encourage and supplement them. Many points of interest can be settled only by deep borings, and these must be made largely, if not wholly, by individual

enterprise. The purpose is to systematize and bring before the public results in all lines of work and from all sources.

The Territorial Geologist takes this opportunity to solicit the hearty co-operation of the citizens of the Territory in the work. For information concerning the survey, address the Director, A. H. VanVleet, University of Oklahoma.

THE LIBRARY.

The university library is under the control of the Library Committee. It is open from 7:45 A. M., to 5 P. M., every school day. On Saturday it is open from 9 A. M., to 12 M. All officers and students of the University, as well as the public, have free access to the shelves, but books may be drawn out for home use only in accordance with the rules given on page 22.

The library is almost altogether departmental and is more nearly adequate than the number of volumes would indicate. During the past two years the work of cataloguing has been carried on. At present there are 2,632 accessioned books, 776 of which were added during the past year. In addition the library has a large number of pamphlets and unbound works, and about 3,800 unaccessioned books, with about the same number of monographs and pamphlets, consisting for the most part of Congressional Reports, and reports of various United States government departments—Smithsonian, Agricultural, Treasury, etc.

The reading room, in connection with the library, has on file most of the newspapers of the Territory together with the following magazines:

1. North American Review.
2. Forum.
3. Philosophical Review.
4. Review of Reviews.
5. Public Opinion.
6. Outlook.
7. Literary Digest.
8. Scientific American.
9. Harper's Magazine.
10. Harper's Weekly.
11. Century.
12. McClure.

13. Journal of Education.
14. American Chemical Journal,
15. Classical Review.
16. Public Libraries.
17. Appleton's Popular Science Monthly.
18. Werner's Magazine.
19. American Naturalist.
20. Arena.
21. Bookman.
22. Poet Lore.
23. Nation.
24. Quarterly Journal of Economics.
25. Economic Studies.
26. Musical Courier.
27. American Geologist.
28. American Mathematical Monthly.
29. Atlantic Monthly.
30. Deutsche Rundschau.
31. Fliegende Blaetter.
32. Ladies' Home Journal.
33. Plant World.
34. Science.
35. Scribner's Magazine.
36. Youth's Companion.

Donations of books and periodicals are invited. Many persons receive periodicals who would be glad to give them to the University. Arrangements for the exchange of duplicates have been made. Any persons having copies of any of the above or other reputable magazines will confer a favor by sending them to the President; or notify him of their disposition to make the donation, and the expense of transportation will be defrayed.

GENERAL INFORMATION.

Who May Enter: Any young man or woman who has finished the course in a good country school may enter the Preparatory School of the University and find educational work and a welcome. The studies which must be completed before taking up the preparatory work are stated on page 61. The work indicated in the preparatory course of study or its equiv-

alent will be required for entrance to the College of Arts and Sciences. Examinations will be held at the opening of the school year and on the two days following the close of the year. Any student having taken work in advance of the requirements mentioned will be given credit for such work and will be allowed to take the most advanced standing consistent with his acquirements. All university work begins with the university year; a student prepared to take advanced work may enter at any time.

Tuition Is Free: Students who have been bona fide residents of the Territory of Oklahoma or the Indian Territory for one year prior to entering the University, receive tuition free in all departments thus far established except in the School of Music. In the courses in chemistry, biology and pharmacy, a small sum sufficient to cover the cost of materials is charged. Students not residents of the Territories are charged a tuition fee of eight dollars a semester, or fifteen dollars a year, payable in advance, in addition to the sums to be deposited by those who take courses in chemistry, biology or pharmacy. All students except those of the summer semester are required to pay an incidental fee of three dollars a semester. Students of the summer semester pay an incidental fee of five dollars a semester. These fees cover all charges by the University, and are made to defray the expenses of heating, lighting and keeping the building in order and repair.

Board and Rooms: Board, including furnished rooms, can be had at from \$2.50 to \$3.50 per week. Clubs are in operation which bring the expenses of living somewhat lower. The average cost of living is as low in Norman as in any other place in the Territory. Unfurnished rooms and rooms for self-boardings may be had at reasonable rates. When students can do so it is a good plan to rent a small house of two or four rooms, furnish it and board in one of the clubs. With reasonable economy the whole expense for a student may be made to range from \$140 to \$250 a year. It will be noted that the University furnishes practically free the services of a strong faculty, good library, well equipped laboratories; while private schools must charge tuition for these, and as yet are unable to furnish the excellent facilities presented by the University.

The following statements of actual expenses for a half year handed in by two students give some idea of the cost of living. These estimates are regarded as low:

Example I.

Board per week.....	\$ 2.00
Room rent per week.....	.75
Laundry per week.....	.25
Athletics. etc., per week	.10
Entertainments, per week.....	.25
All other, per week.....	.25
Total.....	\$ 3.60
For nineteen weeks.....	\$68.40
Books per semester.....	6.00
Tuition per semester.....	3.00
Laboratory fees per semester.....	3.00
Total for semester.....	\$80.40

Example II.

Board per week.....	\$ 2.00
Room rent per week.....	.75
Laundry.....	.35
Total.....	\$ 3.10
Fuel per semester.....	1.50
Incidental fees.....	3.00
Books, from \$4.00 to \$6.00.....	5.00
Athletic expenses.....	.50
Y. M. C. A.	.50
Literary.....	.25
Lecture course ticket.....	1.50
Total.....	\$12.25
Board, room, laundry per semester.....	\$58.90
Total for semester.....	\$71.15

Societies: There are in the University at present two societies devoted to debating and parliamentary practice, as follows:

1. The Senate: Organized in 1897 by young men of the Preparatory School, for practice in debate and parliamentary drill.

2. The Forum: Organized in 1898; open only to college students and devoted to general society work as well as practice in parliamentary principles as used in legislative bodies.

Oratorical Society: The Oratorical Society is a subordinate organization of the Territorial Oratorical Society, the object of which is to stimulate an interest and secure practice in oratory.

In the sixth annual contest Mr. Paul Franklin Mackey, '01, represented the University with an oration entitled, "Specialization."

University Umpire: During the past four years the students of the University have maintained the University Umpire, a semi-monthly paper intended as a register of college doings and a means of communication with the outside world. It has been placed on a fairly high grade of college journalism. By a rule of the faculty credits to an amount not in excess of two hours a week for any semester may be granted at the option of the Professor of English for satisfactory work done on the Umpire either as member of the staff or as correspondent.

The staff at present is as follows:

EDITOR,.....	MILTON JAY FERGUSON, '01.
ADVISORY EDITOR, ...	V. L. PARRINGTON.
ASSOCIATE EDITOR,.....	ROSA BARNETT, '03.
LITERARY EDITOR, ...	FLORENCE MONROE, '04.
LOCAL EDITORS,.....	{ CHARLES KIRK, '03.
	{ OSCAR JOHNSON, PHAR.
BUSINESS MANAGERS,..	{ RAYMOND R. HUME, PHAR.
	{ BURT EDWARDS, '04.

Moral and Religious Culture: Religious exercises consisting of Scripture readings, singing and prayer, are held every school-day morning in the University Chapel. Four years ago a YOUNG MEN'S CHRISTIAN ASSOCIATION was organized by the students. During the past year the Association has held devotional meetings every Sunday afternoon at 4 o'clock. In addition to these meetings the Association carries on work

along social lines, and aims to become a practical help to the students in their university life. The president is Mr. C. C. Roberts, '01.

Most of the important religious denominations have organizations in Norman; and these churches extend a cordial invitation to students to join with them in their work. Following is a table giving the church preferences of the students of the past year:

Methodist Episcopal.....	75
Baptist.....	61
Christian.....	58
M. E. South	56
Presbyterian	40
Catholic.....	11
Cumberland Presbyterian.....	10
Congregational	6
Friends	2
Holiness	2
Missionary Baptist.....	2
Swedenborg.....	1
Unitarian.....	1
United Brethren.....	1
Synagogue.....	1
Dunkard	1
Lutheran	1
Episcopal	1
Mennonite	1
Church of Christ	1
Those having no church preference	29

Athletics: The athletics of the University are under the control of the ATHLETIC ASSOCIATION and the UNIVERSITY ATHLETIC BOARD. The former is an organization of students with officers elected annually; the latter is composed of ten members, five of whom are the Board of Directors of the Student Athletic Association, and five are members of the faculty. Of the faculty members, three are chosen by the general faculty and two by the Student Board above mentioned. The University Athletic Board chooses its own officers and has full control of all questions pertaining to athletics.

Regular meetings are held on the first Fridays of October, December, March and June.

Thus far the athletics of the University have been largely outdoor sports. Baseball has been in a flourishing condition for a number of years; football has been played in earnest four seasons; and during the past two years tennis has been taken up by most of the students. In May a tournament was held in Guthrie between teams from the University and other Territorial schools. At the same time an inter-collegiate track meet was held in which the University was largely represented.

The University Degree a Diploma to Teach: Under certain restrictions a degree granted by the University gives the holder the right to teach in the public schools of the Territory. The law covering this point is as follows:

(6789) § 11. . . . After any person has graduated at the University and after such graduation has successfully taught a public school in this Territory for sixteen school months the Superintendent of Public Instruction shall have authority to countersign the diploma of said teacher, after such examination as to moral character, learning and ability to teach, as to said superintendent may seem proper and reasonable. Any person holding a diploma granted by the Board of Regents of the Territorial University of Oklahoma, shall, after his diploma has been countersigned by the Territorial Superintendent of Public Instructions as aforesaid, be deemed qualified to teach any of the public schools of the Territory, and such diploma shall be a certificate of such qualification until annulled by the Superintendent of Public Instruction.

INFORMATION TO STUDENTS.

Admission: For requirements for admission to the different schools of the University, see under the heads: "College of Arts and Sciences, School of Pharmacy, Preparatory School, School of Music.

Registration: At the opening of each semester each student must obtain a certificate of registration in person at the president's office. He must then consult with his university adviser in regard to his work and receive a statement of the classes in which he is to be enrolled. This statement must then be filed with the registrar, which constitutes enrollment

in the different classes. After five days the registrar sends class-rolls to the different instructors. After one month no change can be made during the semester except by petition to the Committee on Freshman Studies.

The following advisers have been appointed for the different classes:

1. For first and second year students in the Preparatory School, the Principal of the Preparatory School.

2. For members of the third year Preparatory and of the Freshmen and Sophomore classes, the Committee on Freshmen Studies.

3. For members of the College of Arts and Sciences who have completed 60 hours of work, the Professor under whom the major work is to be done.

4. For pharmacy students, the Dean of the School of Pharmacy.

Change of Studies: A student desiring to drop a study once taken up or to take up a new subject after his course of study has been filed, must present to the Committee on Freshman Studies a petition for such change approved by the instructor whose subjects are to be taken or dropped. In general, petitions so approved, if they do not give the student too few or too many hours and if presented within one month after the beginning of the semester, are granted without further action. If presented at a later time they will be granted only for extraordinary reasons.

Amount of Work: Fifteen hours per week of recitations or lectures or their equivalent in laboratory work is considered an average semester's work. Students may register for less than thirteen or more than eighteen hours only by permission of the Committee on Freshman Studies. After 1901-02 no student will be allowed to take in his senior year, more than fifteen hours' work a semester, exclusive of thesis work, except by a three-fourths' vote of the faculty. A student who has received a mark of failure or condition in the semester preceding may not register for more than fifteen hours except by permission of the Committee on Freshman Studies. Petitions for irregular hours should be made at the beginning of the semester.

Every hour for which credit is given is understood to represent approximately for the average student three hours of actual work per week through one semester. Thus in lecture or recitation work, one hour is allowed to the lecture or recitation and two hours of preparation or subsequent reading or study on the part of the student. Where the time is wholly occupied with drawing, field or laboratory work, three full hours per week for one semester are expected of the student for each hour that counts toward graduation. Where the drawing, field or laboratory work is supplemented by systematic outside reading or experiments under the direction of the instructor, such reduction may be made in actual drawing, field or laboratory work as may seem just to the department concerned.

Reports of Class Standing: The letters A, B, C, D, E, F, are used to designate the various grades of possible standing, A meaning excellent; B, good; C, fair; D, poor; E, condition; F, failure.

Conditions and Failures: A student conditioned in any subject may arrange with the instructor concerned for such supplementary examinations as will make good the deficiency; but such deficiency must be removed within one year after the deficiency has occurred, otherwise the condition will be considered a failure. Work reported as incomplete must be made up within one semester. A student failing in any subject cannot go on with the subject, or receive credit for the portion in which the failure is incurred, until the subject has been registered and taken over again in the class. A condition or failure, or withdrawal from class without permission of the Committee on Freshman of Studies, limits the student to fifteen hours the semester following.

Absence from Recitation: Absences from recitation are of three kinds, namely: permitted, excused and unexcused. Permitted absences are those due to leave of absence from the University granted by the President upon application by the student. Excuses for absence are granted by the President only, and then only for sickness or for some other cause in every way out of the ordinary. Each student is allowed for one semester as many unexcused absences in any subject as

he has recitations per week in that subject. One or more unexcused absences in excess of this number, or twice as many excused absences as he has recitations per week in the subject, will oblige the student to present himself to the instructor for a preliminary examination before he is allowed to enter the regular examination. Fifteen absences from recitations of any five-hour course for any cause whatever, and proportionately for the shorter courses, will deprive the student of the privilege of continuing his work with the class without special permission of the faculty and will subject him to a preliminary examination before entering the regular examination.

These rules do not apply to absences due to examinations during examination week nor to the class as a whole.

Reports to Parents and Guardians: At the close of each semester or whenever deemed advisable, the President will transmit to the student's parent or guardian a report of his class-standing together with any delinquencies of conduct.

Semester Examinations: All students whether candidates for a degree or not are required to attend all examinations in the courses of study they pursue.

No student absent from any regular examination in any course of study that he may have pursued will be allowed to take such omitted examination before the next regular examination in that course. In cases of great urgency, however, the faculty may grant students special permission to be examined at an earlier date.

Use of Library: The instructors, students, and general public are allowed access to books and periodicals in the library. If a student wishes to withdraw books for home use he must deposit with the librarian the sum of two dollars to be held as a guarantee of the proper treatment of the books. Such part of the sum as remains after paying all fines will be returned to the depositor on his relinquishing the privilege.

The library books are divided into three classes: reference, departmental, general. Reference works, such as periodicals and magazines, dictionaries, encyclopedias, etc., may not be removed from the room.

Departmental books are those that are reserved by instructors for special use of certain classes. They may be

taken out at 4:30 P. M. on school days but must be returned not later than 9 A. M. of the next day; on Saturdays they may be taken out at 12 M. and kept until 9 A. M. of the Monday following. All books, other than reference or departmental, may be kept out for seven days, at the end of which time they may be renewed for seven days, provided in the meanwhile there has been no call for the work.

One general book and two departmental books may be taken out at the same time. Failure to return a book when it is due, or to renew it properly, subjects the holder to a fine of ten cents a day for a departmental book and of five cents a day for general books. Removal of reference books, abuse of books by those who have no fee on deposit, or the loss or mutilation of a book in excess of the fee on deposit will be brought to the attention of the Committee on Library who will take such steps as they deem best.

Non-Athletic Organizations: All non-athletic organizations are under the control of a faculty committee.

Students desiring to establish any organizations that may bring them into relations with the public, such as the establishing of newspapers, magazines, dramatic, musical, oratorical or literary societies, shall submit a draft of their proposed undertaking, together with a list of the students interested therein, to the Committee on Non-Athletic Organizations. On approval by the committee a certificate of approval will be granted to the promoters of the project. Without such approval no such organizations shall in the future be formed.

All such organizations as referred to above are required, within thirty days from the beginning of each college year, to submit to the faculty committee a list of their officers, and shall report all changes that may occur during the year. All persons taking part in such organizations as mentioned above must be members of the University in good standing. This does not apply, however, to members of the regular literary societies or to members of organizations under the immediate control of one or more members of the faculty.

No student shall be deemed to be in good standing if he shall have been conditioned in more than one subject or shall

have failed in any subject until such condition or failure shall have been removed.

Managing officers of such organizations, excepting the regular literary societies, must submit the names of candidates for membership in their organizations to the committee and must receive its approval before enrolling such candidates as members. Students belonging to the first and middle preparatory classes may not belong to such organizations, with the exception of the regular literary societies, or take part in any musical or dramatic entertainment, without the approval of the faculty as a whole. This rule does not apply to special students of music.

College of Arts and Sciences.

REQUIREMENTS FOR ADMISSION.

Every applicant for admission to the Freshman class, who is not a graduate of the Preparatory School of this University or of some acceptable school of equal grade, will be required to stand an examination in the following subjects. Any applicant who may be deficient in work not exceeding ten hours in amount may be admitted to the Freshman class under conditions set by the instructor in charge of the work in which the deficiency occurs.

1. History and Civics:

(a) United States History: Johnson's *School History of the United States* or an equivalent.

(b) General History: Myers', Sheldon's or Fisher's *General History*.

(c) Constitution of the United States. As in Andrews' *Constitution*, Macy's or Townsend's.

2. English:

(a) The leading facts of English grammar.

(b) Composition and Rhetoric: Butler's *School English* and Genung's *Outlines of Rhetoric* or equivalents; with abundant practice in theme writing. The candidate will be examined upon his ability to paragraph and write good English.

(c) Literature: (1) Reading from selected classics based on Matthews' *Introduction to American Literature*. (2) American Literature: An accurate knowledge of three representative writers, together with some knowledge of English versification and the technique of poetry.

Instead of the above work in literature the candidate may substitute the work as prescribed by the Committee on the Requirements for Entrance to American Colleges. Following are the works set by the committee for reading in 1902, 1903 and 1904 and the nature of the examination based upon that reading.

(a) Reading: A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or a whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

The books set for this part of the examination will be:

Shakespeare's *Merchant of Venice*; Shakespeare's *Julius Cæsar*; Sir Roger de Coverley Papers from *The Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe*; Tennyson's *The Princess*; Carlyle's *Essay on Burns*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*.

In preparation for this part of the requirement it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

(b) Study and Practice: This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject-matter, form and structure.

The books set for this part of the examination will be: Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro* and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

In addition the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

3. Mathematics:

(a) Arithmetic completed.

(b) Algebra: Milne's *Academic Algebra*, or equivalent.

(c) Geometry: Wentworth's *Plane and Solid Geometry*, or equivalent.

4. Elementary Science:

(a) Physiology: The work in Martin's *Human Body*, briefer course, or an equivalent.

(b) Physics: Gage's *Elements of Physics*, or an equivalent.

(c) Botany: Gray's *Lessons*, or an equivalent; an herbarium of fifty plants.

5. Latin:

(a) Grammar and Elementary Book: Coy's *Latin Lessons*; or Collar and Daniell's *First Latin Book*.

(b) Cæsar: Four books.

(c) Cicero: Four orations.

(d) Virgil: Four books, with practice in prose composition and scansion.

ADMISSION ON CERTIFICATE.

Many of the High Schools of the Territory have so developed their work that the courses which they give can be accepted at least in part by the University. The University is prepared to give credit for all preparatory work that is well done. To this end blanks have been prepared to be filled out by students making application for credit given for work done in the High Schools. These blanks should be filled out and presented by the student when he applies for admission. They will be filed by the Registrar and made a part of the permanent record of the student.

Certificates of admission to the University may be granted by the Committee on High Schools to high school graduates under the following conditions:

1. To graduates of schools which maintain a twelve-years' course of nine months each year, and whose superintendent, principal and instructors in the high school department are college graduates, or instructors of scholarship and approved experience.

2. To graduates of other High Schools whose course of study and corps of instructors may on inspection be approved by the University Committee on High Schools.

3. The superintendent or principal of such approved High School shall certify that the graduate has completed satis-

factorily the requirements for entrance to the University as stated in the current university catalogue, or a full equivalent therefor, and shall recommend that a certificate of entrance to the University be granted.

ADMISSION TO SPECIAL COURSES.

Candidates under twenty-one years of age desiring to take special courses are required to present the same qualifications as candidates for one of the regular courses. Persons twenty-one, or more, years of age who are not candidates for a degree and who wish to take special studies are permitted to do so upon giving satisfactory evidence that they are prepared to take the desired studies advantageously. If they subsequently desire to become candidates for a degree or to take a regular course they must pass the required entrance examinations.

Students from other institutions of recognized collegiate rank, who present letters of honorable dismissal, may be admitted to such standing and upon such terms as the faculty may deem equitable. Every such candidate is required to present, along with a catalogue of the institution of which he has studied, a full statement, duly certified, of the studies he has completed, including studies passed or credited at entrance.

All applications for advanced standing on the basis of work done before entering the University, must be filed with the Committee on High Schools within one semester after matriculation; and such application will not be received at a later date. Students from other institutions whose credentials are satisfactory, are usually admitted without examination to a minimum standing of one year lower than that to which they are entitled at the institution from which they come. At the same time they are admitted to such classes as their preparation seems to warrant. After one semester's residence, if their work has been thoroughly successful and of sufficiently high grade, their standing may be readjusted, and such additional credit given them as may be deemed just by the faculty; but no such student can finally be given advanced credit for more than three years' work, i. e., ninety-five hours toward graduation.

FACULTY ADVISERS.

Upon matriculation every Freshman and every special student, comes under the direct control of a committee of the faculty, known as the Committee on Freshman Studies. It is the duty of this committee to advise with students during the first two years of their college course and no such student will be permitted to undertake work that is not first approved by this committee. At the beginning of their Junior year, regular students pass from the control of the Committee of Freshman Studies to that of the professor under whom their major work is to be done; and all plans for work thereafter must be approved by the advising professor.

PLAN OF UNDERGRADUATE WORK.

Before the bachelor's degree will be granted by the University, the candidate must have completed in an acceptable manner, not less than 125 hours of work done in accordance with the following prescribed plan:

I. Prescribed Work: Every candidate for the bachelor's degree will be required to complete the following courses:

- (a) English I.
- (b) French I, II, III, IV, or German I, II, III, IV.
- (c) Biology I, or Chemistry I,
- (d) History I.

NOTE—The work in Biology or Chemistry must be done in the Freshman year.

II. Major Electives: At the beginning of his Junior year, i. e., after he has completed 60 hours of work, every candidate for a degree must file with the Registrar his choice of a major study to be carried on under the following conditions:

1. The major must be chosen from one of the following departments of instruction: Psychology, History, Political Economy, Greek, Latin, German, French, English, Mathematics, Chemistry, Biology, or Geology.

2. The work must consist of not fewer than twenty hours and must extend over two years. Four hours of the twenty, however, may be credited to the senior thesis.

3. Before a student will be permitted to enter upon the work of his major he must have fulfilled certain preliminary requirements. These requirements vary according to the department in which the work is to be done and are as follows:*

Psychology: German I, II; Biology I; Anatomy and Physiology of Nervous System.

History: History I, II, III; English I, (VI, VII); (German I, II, III, IV); or (French I, II, III, IV).

Political Economy: Economics I; History I, II, III, (V, VI); (German I, II, III, IV), or (French I, II, III, IV).

Greek: German I, II, (III); (English VIII); Philosophy I, or II, or III.

Latin: German I, II, (III); (Greek I, II, III).

German: German I, II, III, IV; French I, II, (III, IV).

French: French I, II, III, IV; German I, II, (III, IV).

English: French I, II; History II, III; English I, II, III.

Mathematics: Mathematics I, II *a and b*; German I, II, (III, IV); (French I, II).

Chemistry: Mathematics I; German I, II, (III, IV); French I, II, (III, IV).

Biology: Biology I; Chemistry I; English I; German I, II; (French I, II).

Geology: Geology I, II; German I, II; (Biology I); (Chemistry I); (French I, II).

III.—Free Electives. In addition to the above every candidate for the bachelor's degree must choose a sufficient number of free electives to complete the total number of hours required; provided, however, that not more than forty hours in any department shall be counted toward a degree. In the department of Biology, however, forty hours may be so counted either in Zoology or in Botany, or in both.

IV.—Thesis. At the beginning of his senior year every candidate for a degree must file, with the Registrar, a subject for a thesis, approved by his advising professor, upon some phase of his major work. The finished thesis must be submitted to the professor in charge, not later than the first Monday in May, and no candidate will be recommended for a de-

*Courses in parentheses need not be completed before the student enrolls in his major, but must be finished before he will receive his degree.

gree until a written approval of the thesis signed by the advising professor shall have been filed with the Registrar and two copies of the thesis bound in an acceptable manner and according to the required specifications shall have been filed with the librarian.

NOTE: For sufficient reasons and upon the recommendation of his advising professor, the faculty may excuse a student from his senior thesis.

DEGREES.

I.—Bachelor: Two bachelor degrees are granted by the University: Bachelor of Arts (B. A.) and Bachelor of Science (B. S.). The kind of degree granted depends upon the major study and is qualified by it, i. e., a student who has done his major work in history will receive the degree of "B. A. in History." The degree of B. S. is granted for major work done in the following departments: Chemistry, Biology, or Geology; for major work done in any other department the degree of B. A. is granted.

II.—Master. For this degree the requirements are as follows:

1. The candidate must have received the bachelor's degree from this University or from some other acceptable school.
2. He must do in an acceptable manner resident work to the amount of thirty hours.
3. The courses elected must be advanced work and must be chosen from two departments, one of which shall be the major and the other the minor study.
4. At the option of the instructors under whom the work is taken, a suitable thesis may be required.

HONORS.

Honors in the College of Arts and Sciences are of three kinds, General Honors, Special Honors, and Degree with Distinction.

I. General Honors: At the end of each school year those members of the Junior, Sophomore and Freshman classes who have made at least three "B's" in each semester, and have not fallen below "C" in any subject, shall be classed as *second-group* students, and shall be accorded Honors for that

year. Likewise, those students who have made at least three "A's" in each semester, and have not fallen below "B" in any subject, shall be classed as *first-group* students, and accorded High Honors for that year.

2. Special Honors: Special honors are of two grades: Honors and High Honors, and will be granted at graduation to any candidate for the bachelor's degree who has completed with distinction sixteen hours' work in any department done in the last two years of his course. In general, Honors will be granted to a candidate who has attained grade "A" in one-half his work in the department in which honors are sought, and has not fallen below grade "B"; and High Honors will be granted to a candidate who has attained grade "A" in all work so counted.

3. Degree with Distinction: A candidate for the bachelor's degree may be recommended for a Degree with Distinction in one of two grades upon the following conditions. In every case the reason for the distinction will be stated in the diploma.

a. If a candidate shall have maintained a first-group average throughout his course or shall have received High Special Honors in any department, he will receive a degree *magna cum laude*.

b. If a candidate shall have maintained a second-group average throughout the course, or shall have received special honors in any department, he will receive a degree *cum laude*.

A list of all those who have been granted honors of the different kinds and grades will be printed in the current number of the university catalogue.

WORK DONE IN ABSENTIA.

The faculty has adopted the following rules governing work done *in absentia*:

1. No credits will be given for work done *in absentia* by persons never in resident attendance.

2. None of the required courses may be worked out *in absentia*.

3. A student who has credits for not fewer than sixty hours of college work may be allowed to do work *in absentia*,

provided he make written application to the faculty, designating the work that he desires to take; such application to be endorsed by the head of the department in which the work is to be done.

4. All students who desire to become candidates for the bachelor's degree must take the last thirty hours of their work in residence.

SCHEDULE OF COURSES.

Students may not select more than one course from any of the following groups, except in group IX where all selection depends upon whether or not suitable hours can be arranged for the given courses. Enrollment in those courses therefore is provisional.

FIRST SEMESTER.

GROUP I.	GROUP II.	GROUP III.	GROUP IV.	GROUP V.
8:00 o'clock.	8:50 o'clock.	10:00 o'clock.	10:50 o'clock.	11:40 o'clock.
Chem.....viii.	Latin.....iii.	Econ.....i.	Chem.....iii.	Greek.....i.
Hist.....ii.	Math.....i.	Math.....iii.	History.....v.	Eng.....xii.
Eng.....x.	Eng.....vi.	Chem.....vii.	Eng.....viii.	Psychol.....i.
Biol.....viii.	Psychol.....iii.	* } Eng.....i.	French.....i.	Ger.....iii.
Ger.....v.	French.....iii.	} Eng.....a.	Geol.....iii.	
† { Math.....v.	Biol.....iv.	Education.....i.	Biol.....iii.	
{ Math.....vii.	Geol.....i.	Biol.....ii.	Oratory.....	
{ Math.....ix.		Geol.....v.		

GROUP VI.	GROUP VII.	GROUP VIII.	GROUP IX.	
2:00 o'clock.	2:50 o'clock.	3:40 o'clock.	hrs to be arrgd	
Chem.....i.	Hist.....vii.	* } Hist.....iv.	Eng.....iv.	
Biol.....i.	Greek.....iii.	} Hist.....ix.	Phil.....i.	
Psychol.....ii.	* } Ger.....v.	Latin.....i.	Greek.....v.	
Geol.....vii.	} French.....v.	Span.....iii.	Latin.....v.	
Span.....i.	Span.....v.	Eng.....iii.	Graphics.....i.	

*Both may be taken. †Given in alternate years.

SECOND SEMESTER.

GROUP I.	GROUP II.	GROUP III.	GROUP IV.	GROUP V.
8:00 o'clock.	8:50 o'clock.	10:00 o'clock.	10:50 o'clock.	11:40 o'clock.
Chem.....ii.	Latin.....iv.	Econ.....ii.	Hist.....vi.	Hist.....i.
Hist.....iii.	Math.....ii, a.	Math.....iv.	* } Eng.....ix.	Greek.....ii.
* { Math.....vi.	† Math.....ii, b.	Eng.....ii.	} Eng.....xi.	Eng.....xiii.
{ Math.....viii.	Eng.....vii.	Biol.....vii.	French.....ii.	Psychol.....iv.
{ Math.....x.	French.....iv.	Education.....ii.	Biol.....x.	Ger.....iv.
Biol.....vi.	Biol.....iv, b.	Biol.....v, b.	Geol.....iv.	
Ger.....ii.	Geol.....i, b.	Geol.....ii.		

GROUP VI.	GROUP VII.	GROUP VIII.	GROUP IX.	
2:00 o'clock.	2:50 o'clock.	3:40 o'clock.	hrs to be argd	
Chem.....iii.	Hist.....vii.	* } Econ iii.	Greek.....vi.	
Biol.....ix.	Greek.....iv.	} Econ iv.	Latin.....vi.	
Psychol.....ii.	† } Ger vi.	Latin.....ii.	Geol.....vi.	
Geol.....viii.	} French ..vi.	*Astron.....	Graphics ii.	
Span.....ii.	Span.....vi.	Eng.....v.	Phil.....ii.	
		Span.....iv.	Phil.....iii.	

*Given in alternate years. †On Saturday. ‡Both may be taken.

COURSES OF INSTRUCTION.

PHILOSOPHY.

THE PRESIDENT, PROFESSOR PARRINGTON, MR. STURGIS.

1. **Introduction to the Study of Ethics:** Being an examination of certain first principles, such as conscience, goodness, duty, with special attention to the teachings of modern hedonists. One lecture a week with a second hour for discussions. *First semester*, Professor Parrington. This course is open to all who may care to attend the lectures. No enrollment will be necessary and no record of attendance will be kept. If a student desire to secure credit for the course he may enroll and pursue the work as in other courses.

(Not offered in 1901-1902.)

2. **The Development of Greek Ethical Thought:** The work in this course begins with an examination of the Homeric view of life, then considers the Greek awakening as seen in the elegiac and lyric poets, and finally traces the development of the school of metaphysics which culminated in the ethical systems of Socrates, Plato and Aristotle; attention being given to metaphysics only in so far as it touches upon the province of ethics. Two lectures a week. *Second semester*, Mr. Sturgis. This course is intended to follow Philosophy 1, and the work will be given under the same conditions.

3. **The Development of German Thought From Kant to Hegel:** Lectures and text-book. *Three times a week, second semester*, the President.

PSYCHOLOGY.

MR. COLE.

1. **Psychology:** This course is suited to the needs of those who expect to teach, and is necessary as a preparation for "Psychology 2." Native and acquired reaction, interest, attention, memory, association of ideas, habit, etc., will be treated in their relation to the work of teaching. Required of students who expect to teach, save those who pursue "Principles of Education," before taking "Psychology 2." James's *Talks to Teachers on Psychology*, and Thorndike's *Human Nature Club* with required readings. *First semester, 4 hours, at 11:40.*

2. **Psychology:** A study of the central nervous system, with dissection of mammal's brain; nervous discharge and reaction; analytic psychology together with a survey of the stream of consciousness in hypnotism and insanity; brief history of psychological thought on each topic. James's *Briefer Course*, readings and reports. *Second semester, 4 hours, at 2:00.*

3. **Genetic Psychology:** Mental development of the lower animals and relations of animal to human intelligence; the infant's mind; the child's mind; effects of heredity and education; genesis of the ideational life. *First semester, 3 hours, at 8:50.*

4. **Experimental Psychology:** Laboratory work in sensation, discrimination, association, fatigue and attention, together with discussions of the laboratory method as applied to other problems of psychology. The laboratory work of this course will be extended as rapidly as apparatus can be supplied. *Second semester, 1 hour, at 11:40.*

EDUCATION.

MR. COLE.

1. **Principles of Education:** In this course the attempt is made to define clearly the principles which must underlie all sound educational practice and the application of these principles to the problems of school administration, the making of a course of study, supervision and methods of teaching the various studies in the early, middle and later periods of the child's mental development.

Following these special relations the purpose of the course is to lay the basis for a scientific theory of education, considered as a human institution. It is sought to show education as a rationalized endeavor to secure the adjustment of the individual to the spiritual possessions of the race. Lectures, discussions, acquired readings and reports. *First semester, 4 hours, at 10:00.*

2. History of Education: A study of the ideals controlling various ancient nations; the expression of these ideals in their conception of education and their attempt at realization through their educational systems. (1) Development of early education (a) in genetic societies, (b) in political societies; the relation of the individual to the group determining the educational process. (2) Oriental education, China as a type. (3) Greek education. (4) Purposes and methods of Roman education. (5) Influence of early Christianity on Greek and Roman education; the types studied as phases of the history of civilization. *Second semester, 4 hours, at 10:00.*

HISTORY AND CIVICS.

PROFESSOR BUCHANAN.

Courses I, II and III may not be counted towards a major.

1. American Government: A systematic study of the origin and development of our Federal Government, considered historically. Text, Hinsdale. *4 hours, second semester, at 11:40.*

2. English History: This course is a study of the following periods of English history: Roman, Saxon, Danish, Early English, Norman, Angevin, Lancastrian and Yorkist; covering the period of time from 55 B. C. to 1485 A. D. Greene's *Short History of the English People* will be used as a text; the class will be required to read extensively from Hume and the Oxford Manuals of English History. *3 hours, first semester, at 8:00.*

3. English History: This is a continuation of course 2 and embraces the study of the Tudor, Stuart, Commonwealth and Protectorate, Restoration, Hanoverian and Victorian periods, from 1485 to the present. Text, Greene. Required reading in Macaulay and the Oxford Manuals of English History. *3 hours, second semester, at 8:00.*

4. **Revolutionary Europe, 1789-1815:** History of Europe during the important period of transition. The French revolution will command special attention. *3 hours, first semester at 3:40.*

5. **Political History of the United States from 1750-1829:** The topical method will be pursued. Texts: *American Politics*, Johnston; *Formation of the Union*, Hart; Schouler, Vols. I, II, and to Chapter 13, Vol. III. *4 hours, first semester, at 10:50.*

6. **Political History of the United States from 1829-1890:** This course is a continuation of course 4 and must be preceded by it. Texts: *American Politics*, Johnston; *Division and Reunion*, Wilson; Schouler, Vol. III, from Chapter 13, Vols. IV, V, VI. *4 hours, second semester, at 10:50.*

7. **Economic and Political History:** A study of current questions in history and economics. The leading magazines will be used as a basis for the course. The articles on history and economics will be assigned to members of the class for study and analysis. College students in history and economics will be admitted to this class. *3 hours, first semester, at 2:50.*

8. **Economic and Political History:** Same as course 7, *3 hours, second semester, at 2:50.*

9. **European History:** Modern history from about 1453 to 1789. The purpose is to cover the period from the fall of Constantinople to the French Revolution, rapidly. *3 hours, first semester, at 3:40.*

Note: Courses 4 and 9 will be given in alternate years.

ECONOMICS.

PROFESSOR BUCHANAN.

Course I may not be counted towards a major.

1. **Elements of Political Economy:** Recitations and lectures. Text: Hadley. *4 hours, first semester, at 10:00.*

2. **Money, Trade and Industry:** Recitations and lectures. This course is a continuation of course 1, and must be preceded by it. Text: *Money, Trade and Industry*, Walker. Required reading in *Money*, Walker; *Money and the Mechanism of Exchange*, Jevon; Laughlin's *Bi-metallism in the U. S.* *4 hours, second semester, at 10:00.*

3. **Economic Problems:** A study of some of the leading

problems: Socialism, Labor, Transportation, Tariff; lectures and library work. *3 hours, second semester, at 3:40.*

4. **Public Finance:** Including an investigation of the history of public finance in the United States and in some of the American States. *3 hours, second semester, at 3:40.*

NOTE—Courses 3 and 4 will be given in alternate years, and will be open to students who have completed courses 1 and 2.

ANCIENT LANGUAGES.

Greek.

PROFESSOR PAXTON, MR. STURGIS.

1 and 2. White's First Book; *The Anabasis*, Goodwin & White, begun. Careful study of forms and accents. *Every day at 11:40 throughout the year.*

3. **The Anabasis:** Continued. Readings in Grote. Written prose composition once a week, with occasional oral translations. Some attention will be given to military antiquities. *5 hours, first semester, at 2:50.*

4. **Lysias's Orations:** Morgan. Elementary study of Greek legal procedure and the Athenian constitution. *4 hours, second semester, at 2:50.*

5. **Homer's Iliad:** Seymour. Study of the hexameter and antiquities. *4 hours.*

6. **Herodotus:** Reading in Grote. *3 hours, with a fourth at the pleasure of the instructor.*

7. **Thucydides:** The Sicilian Expedition. Readings in Grote. *3 hours.*

8. **Readings in the Greek Drama:** *3 hours.*

9. **Elementary Course in the History of Greek Sculpture:** Illustrated by photographs; text-book and supplemental lectures. Knowledge of Greek not necessary, but desirable. Intended for advanced students. *2 hours a week, first semester.*

The Greek Grammar of Goodwin or Hadley-Allen should be in the hands of the student.

Latin.

PROFESSOR PAXTON, MR. STURGIS.

Courses I and II may not be counted towards a major.

1. **Selections from Ovid:** Anderson. Study of verse

and mythology; practice in reading at sight short selections from the elegiac poets. *4 hours, first semester, at 3:40.*

2. **Livy:** Melhuish, Books XXI, XXII. Readings in Mommsen. Elementary study of Roman military organization. Studies in the style of Livy. Miller's Composition. *4 hours, second semester, at 3:40.*

3. **Cicero's Essays:** Two or more with study of sources and the author's philosophic style. Miller's composition. *4 hours, first semester, at 8:50.*

4. **Horace's Odes and Epodes:** Smith. Study of metres. Readings in essays and monographs on Horace. Miller's composition. *4 hours, second semester, at 8:50.*

5. **Elective Courses in Tacitus and Roman Drama** will be offered when practicable.

The Roman pronunciation is used. Greenough's Grammar is used for reference, though other standard ones will serve.

MODERN LANGUAGES.

German.

MR. MATLOCK.

Courses I, II, III and IV may not be counted toward a major.

1. **Beginning German:** Daily exercises in pronunciation, memorizing of easy phrases; careful observation of the inflection of the important parts of speech, study of the elements of syntax; written translations of English into German, confined to easy variations of German sentences already known to the pupil; repetition of short dialogues. Thomas's Practical German Grammar. *4 hours, first semester, at 8:00.*

2. **Beginning German:** Continuation of Course 1. Daily conversations on texts read. A feeling for the language is cultivated. Constant application of the elements of German in re-translating English paraphrases. Thomas's Practical Grammar (Part 2). Texts: Hauff's *Das kalte Herz*; Hiller's *Hoher als die Kirche*; Storm's *Immensee*; Heyse's *L'Arrabbiata*; Benedix's *Der Prozess*. *4 hours, second semester, at 8:00.*

3. **German Prose and Poetry:** Linguistic discipline and literary culture are aimed at in the work of the second year. Practice in writing German themes. Texts: Freytag's *Die*

Journalisten; Reihl's *Der Fluch der Schoenheit*; *Das Lied von der Gloche*; Scheffel's *Der Trompeter von Saekkingen*; Klenze's *Deutsche Gedichte*; Goethe's *Hermann and Doróthea*. 4 hours, first semester, at 11:40.

4. **German Drama:** Lessing's *Minna von Barnhelm*; Schiller's *Wilhelm Tell* or *Die Jungfrau von Orleans*; Goethe's *Iphigenie* or *Tasso*. Students will be assigned special reading on the origin of these dramas, and will be expected to read the lives of Schiller and Lessing. 4 hours, second semester, at 11:40.

5. **History of German Literature:** Lectures in German on the growth and influence of the different schools in the eighteenth and nineteenth centuries, with readings. Subjects: Frederick the Great and the French influence. Wieland: Analysis of *Agathon* and *Die Abderiten*. Lessing, his life and works: German criticism, *Laoköon*; *Nathan der Weise*. Reference works: Vogt and Koch's *Deutsche Litteraturgeschichte*, Franke's *Social Forces in German Literature*. 3 hours, first semester, at 2:50.

6. **History of German Literature:** Lectures in German, reading in and out of class. Subjects: Early works of Goethe and Schiller. Goethe's lyrics compared with Schiller's. Schiller's dramatic genius as seen in *Wallenstein*. Works of the mature Goethe: *Hermann and Dorothea*, *Iphigenie*, first part of *Faust*. Realism of Heinrich von Kleist; *Der Zerbrochene Krug*, *Das Kaetchen von Heilbrom*, *Der Prinz von Hamburg*. The poems of Uhland, Theodore Koerner, Heinrich Heine. Modern novelists: Freytag, Keller, Suderman, and Hauptman. 3 hours, second semester, at 2:50.

French.

MR. MATLOCK.

Courses I, II, III and IV may not be counted toward a major.

1. **Beginning French:** In the introductory course in French care is taken to have the student understand the simple inflections of nouns and adjectives, the positions of personal pronouns, and the peculiar uses of possessive, demonstrative and interrogative adjectives. Much attention is paid to partitive constructions and to the more common irregular verbs. Daily exercises in translating easy English into French. Repetition of colloquial phrases. Whitney's French Grammar.

An easy text with English paraphrases for re-translation, both oral and written. 4 hours, first semester, at 10:50.

2. **Beginning French:** A continuation of Course 1. Reading of several short stories; practice in reading aloud and in listening to the reading of connected passages; conversations based on the incidents and characters of the text. Accurate French-English and English-French translations. Preparation of short themes in French on the stories read in the class room. Whitney's French Grammar. (Part 2.) Daudet's easier short tales; Bruno's *Le Tour de la France*; Labiche and Martin's *La poudre aux yeux* and *Le voyage de M. Perrichon*; Augier and Sandeau's *Le Gendre de M. Poirier*; Coppee's poems. 4 hours, second semester, at 10:50.

3. **French Prose and Poetry:** Courses 3 and 4 are designed to meet the desires of two classes of students; those who can take but two years of French gain a more exact reading knowledge of the language and become acquainted with the important French writers of the seventeenth, eighteenth and nineteenth centuries; those who expect to do advanced work in French literature lay a broad foundation for courses 5 and 6. Short themes in French and in English will be required during the second year. Daudet's *La Belle-Nivernaise*; *La Triade Française* (selections from the poems of Alfred de Musset, Alphonse de Lamartine and Victor Hugo); Hugo's *Hernani*; Vigny's *La canne de jone*; Loti's *Pêcheur d'Islande*; Beranger's poems. 4 hours, first semester, at 8:50.

4. **French Drama:** Moliere's *Les Femmes Savantes* and *L'Avare*; Racine's *Athalie*; Corneille's *Polyeucte* and *Le Cid*; Hugo's *Ruy Blas*; the younger Dumas's *La Question d'Argent*; Beaumarchais's *Barbier de Seville*. Assigned reading in the library on the lives of French authors. Themes in English and French. 4 hours, second semester, at 8:50.

5. **History of French Literature in the Seventeenth Century:** This course is conducted mainly in French by means of lectures, reading of representative works in class and assigned reading outside. Themes on special subjects. Gustave Lanson's *History of French Literature* will be used as text book. Authors and the works to be studied are: Moliere, *Le Tartuffe*; Bossuet's *Oraison Funèbre de Henriette d'Angleterre*;

Fenelon's *Lettre a l'Academie*; La Bruyere's *Les Caracteres*; Mme. de Sevigne's *Lettres choisies*; La Fontaine's fables; Boileau's *L'Art Poetique*, *Satires*; Petit de Julleville's *Histoire de la Langue et de la Litterature Francaise*; Corneille and Racine. 3 hours, first semester, at 2:50.

6. History of French Literature in the Nineteenth Century: □ Lectures in French on the following subjects: Influence of the French Revolution on Literature.—Political Eloquence (Mirabeau, Danton and others).—Mme. de Stael; *Corinne, de l'Allemagne*.—Chateaubriand.—The Romantic Movement (1820-50). Victor Hugo's: *Preface de Cromwell*.—Romantic Poetry, Its Influence on the Language.—Lamartine's *Meditations* and *Jocelyn*.—Alfred de Vigny's Poems.—Hugo prior to 1850.—Alfred de Musset; *Les Nuits*.—The Romantic Drama: Dumas, Vigny, Hugo.—The Romantic Novel: Hugo's *Notre-Dame de Paris*; *Les Miserables*.—Influence of Romanticism on the writing of history; Michelet.—The novel in France since 1850; Flaubert, Zola, Daudet, Maupassant, Bourget, Anatole France, Pierre Loti. 3 hours, second semester, at 2:50.

Spanish.

MR. PHILLIPS.

1. Beginning Grammar and Composition: *De ornos*. Special attention to composition and conversation with a view to training the ear. 4 hours, first semester, at 2:00.

2. Grammar Completed: With special attention to the verbs, regular and irregular, and exercises in peculiar structures. Conversation in Spanish. 4 hours, second semester, at 2:00.

3. Reading in Contemporary Spanish Literature: Valera, Bazan and others. Exercises in rapid reading and translating. Lectures in Spanish on Spanish history. Comments in Spanish by class. 4 hours, first semester, at 3:40.

4. Reading: "*Episodios nacionales*," Galdos; *Discourses by Castilar*. Lectures in Spanish on Spanish literature; examples of all styles and epochs of Spanish prose writing examined. 4 hours second semester, at 3:40.

5. Reading From Spanish Classics: *Cervantes and Calderon*. Selections from the choicest Spanish classics, prose and poetry; essays in Spanish by class together with conversation; correspondence, under the direction of the instructor, with pupils in Spanish Colleges. 3 hours, first semester, at 2:50.

6. **Spanish Classics Continued:** One lecture each week on Spanish business terms, forms and customs. Discussions by the class on Spanish writers and countries. 3 hours, second semester, at 2:50.

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR PARRINGTON.

The work in this department is arranged in three groups. Group one deals with the principles of composition, including a study of three modern English prose writers, together with a brief history of English prose. Group two deals with Old English; and group three with the development of English literature from the time of Chaucer to the present. Course 1 is required of all candidates for the bachelor degree. It is recommended that it be taken in the freshman year. Courses 1, 2, 3 and 4 may not be counted towards a major; courses 10 and 12 are required of all who make English their major study. Prerequisite courses for a major in English are, French 1 and 2, and History 2 and 3. It is recommended that French be taken in the freshman year and history in the sophomore. No person will be recommended for a degree in English who has not satisfied the department that his command of written and spoken English is notably good. Mere correctness will not be held sufficient.

I.

1. **The Principles of Composition:** Lectures on the whole composition, paragraph, sentence, words; library work on the history of English prose; weekly themes. Required of all candidates for a degree. *Monday, Wednesday and Friday at 10:00, first semester.*

This course is the basis of all later work in composition and only under very exceptional circumstances will work done elsewhere be substituted for it.

2. **Modern English Prose:** An analysis of the style of Macaulay, DeQuincey and Carlyle; daily and fortnightly themes at intervals, with a special study of the works of one writer, and a thesis. Course 2 is a continuation of course 1 and presupposes it. *Monday, Tuesday, Wednesday and Friday at 10:00, second semester.*

4. **A Study of Argumentation:** Brief-drawing and oral delivery of the developed forensic. Baker's *Principles of Argu*

mentation. *Tuesday and Thursday, with a third hour optional, first semester.*

Students are advised to take History 7 in connection with this course.

10. Advanced Composition: A study of invention, with special attention to narration and description, and the essay. *Twice a week at 8:00, first semester.*

Course 10 will be limited in number and will be open only to those who have passed courses 1 and 2 with credit.

II.

3. Historical Grammar: Lounsbury's *History of the English Language*, and Earle's *Philology of the English Tongue*; together with lectures on dialectal forms and usages, and a thesis. *Monday, Tuesday, Wednesday and Friday at 3:40, first semester.*

12. Anglo-Saxon: Smith's *Grammar*, Cook's *Exercises in Old English*, Bright's *Reader*. *Three times a week, at 11:40, first semester.*

13. Anglo-Saxon Poetry: A study of Beowulf, with readings from Caedmon and Cynewulf. *Three times a week, at 11:40, second semester.*

III.

5. Chaucer: A study of his works as a whole and of his use of English, together with some account of Langland; library work, critiques, and a thesis. *Monday, Tuesday, Wednesday and Thursday at 3:40, second semester*

6. English Literature from Spenser to DeFoe: A study in movements with special attention to the secondary dramatists, and the rise of classicism; lectures and a thesis. *Monday, Tuesday, Wednesday and Friday at 8:50, first semester.*

7. English Literature from Pope to Carlyle: A continuation of course 6, with special consideration of the decay of classicism and the rise of the novel; lectures and a thesis. *Monday, Tuesday, Wednesday and Friday at 8:50, second semester.*

8. Shakespeare: A study of eight plays in chronological order, with special attention to the man Shakespeare and to the nature of his art. Lectures, discussions and a thesis. In 1901-1902 the following plays will be read: *Love's Labour's Lost*, *King Henry IV (Part I)*, *As You Like It*, *Romeo and Juliet*, *Hamlet*, *Macbeth*, *King Lear*, *The Tempest*. *Monday, Tuesday, Wednesday and Friday at 10:50, first semester.*

Students are advised to take Latin V in connection with this course.

9. **The French Revolution and English Poetry:** A study of the English romantic movement, with special attention to Wordsworth, Shelley, Keats and Byron. *Three times a week, at 10:50, second semester.*

Students are advised to take History IV in connection with this course.

11. **Browning and Tennyson:** A systematic study of their works as a whole, and a consideration of the technique of poetry. *Three times a week, at 10:50, second semester.*

Courses 9 and 11 are given in alternate years.

A. **Seminary Lectures:** From year to year the department will announce courses of lectures, intended for the most advanced students, but open under certain conditions to others. From one to three lectures a week will be given according to the subject. Those who may wish to secure credit for the work must enroll and pursue the work as in other courses; those who desire merely to attend the lectures must first secure permission of the instructor. For 1901-1902 the subject will be: "On the lyric and prophetic poetry of the Old Testament, with a special study of Isaiah." Preliminary lectures will consider: The Canon of the Old Testament; The technique of Hebrew lyric and epic poetry; Prophecy in Israel and Judah; The development of Hebrew thought before the dispersion; and, The influence of the exile upon Hebrew literature. Then will follow a more specific examination of the first thirty-nine chapters of Isaiah and a comparison with chapters XL to LXVI. *Twice a week, first semester, at 10:00.*

ORATORY.

MISS KING.

1. **The History of Oratory:** Together with original work in the writing and delivery of orations, and the interpretation of *Macbeth*. Text: Emerson's *Physical Training; Psychological Expression*, Vol. III. *4 hours, first semester, at 10:50.*

MATHEMATICS.

PROFESSOR ELDER.

Of the following courses, numbers 1, 2 (a) and 2 (b) may not be counted as part of the student's major work; 1 and

2 (a) are pre-requisite to the election of any of the subsequent courses.

1. **College Algebra:** Embracing the subjects of limits, series, logarithms, permutations and combinations, theory of equations and determinants. 4 hours, first semester, at 8:50.

2 (a). **Trigonometry:** Wentworth's Plane Trigonometry with a study of Trigonometric and Logarithmic series; De Moivre's theorem; the nature and origin of logarithms, and of the quantity "E", investigated historically; computation of logarithms. 3 hours, second semester, 8:50.

2 (b). **Surveying:** Text book and lectures. Ample field work, original problems, computation and platting of exercises. Recitations and field work on Saturdays from 8:00 to 12:00 after March 1st.

3. **Analytic Geometry:** The determinant notation is used throughout. The course includes the general theory of the conic, envelopes, reciprocal polars, duality and the elements of projective geometry. C. Smith's *Conics*. 4 hours, first semester, at 10:00.

4. **Differential and Integral Calculus:** Young and Lincbarger's *Differential and Integral Calculus*. 5 hours, second semester at, 10:00.

*5. **Advanced Calculus:** Based on Williamson's *Differential and Integral Calculus*. 4 hours, first semester, at 8:00.

*6. **Advanced Calculus:** Johnston's *Ordinary and Partial Differential Equations*. 4 hours, second semester, at 8:00.

*7 and 8. **Mechanics of Engineering:** Pre-requisites, Mathematics 3 and 4. Church's *Mechanics of Engineering and Notes and Examples in Mechanics*. 5 hours, both semesters, at 8:00.

*9 and 10. **Higher Algebra:** Pre-requisites, Mathematics, 1, 2 (a), 3, 4; German, 1, 2, 3, 4; French, 1, 2, 3, 4. Based on Serret's *Cours d'Algebre Superieure* and H. Weber's *Algebra* 4 or 5 hours, both semesters, at 8:00.

*No more than two of the * courses will be given in any one year, nor more than one in any one semester. Courses 7 and 8 will be given in 1902-3. If there be demand, courses will be offered in advanced Analytic Geometry, using Salmon's *Conics*; Analytic Geometry of Three Dimensions, using C. Smith's *Solid Geometry*; High Plane Curves, based on Salmon, Clebsch and Durege; Theory of Numbers, using Dirichlet-Dedekind's *Zahlen-theorie*. But not more than one such course will at present be offered in any one semester.

ASTRONOMY.

PROFESSOR ELDER.

A course in Descriptive and Historical Astronomy based on Young's text is given to Juniors and Seniors on alternate years. Given in 1901-2. 4 hours, second semester, at 3:40.

GRAPHICS.

PROFESSOR ELDER.

This work is offered to freshmen or more advanced students who are proposing to devote themselves to work in civil, mechanical, electrical or mining engineering, and is given only on alternate years. Given in 1901-2.

1. **The Fundamental Principles of Graphic Science:** Choice and use of drawing instruments, brush tinting, free hand lettering, the blue print process, mechanical drawing. Wilson's *Theoretical and Practical Graphics*. 4 hours, first semester.

2. **Descriptive Geometry:** Linear perspective, shades and shadows, working drawings. Wilson's *Theoretical and Practical Graphics*. 3 hours, second semester.

CHEMISTRY.

PROFESSOR DE BARR.

Courses 1 and 2 may not be counted toward a major.

1. **General Chemistry:** Lectures and recitations with laboratory work. Students are required to use the chemicals and apparatus of the laboratory in this course. Deposit \$5.00. Remsen's *Chemistry, Briefer Course*. First semester, every day at 2:00.

2. **Analytical Chemistry:** Analysis of unknowns. Laboratory work and lectures. Deposit \$5.00. Prescott and Johnson's *Qualitative Chemical Analysis*. Second semester, every day at 8:00.

3. **General Chemistry:** Laboratory work and lectures. Deposit \$5.00. Remsen's *Chemistry, Briefer Course*. 4 hours, second semester, at 2:00.

4. **Analytical Chemistry:** Continuation of Course 2. Deposit \$5.00. 4 hours, first semester, at 10:50.

5. **Quantitative Analysis:** Volumetric and gravimetric

estimations; lectures and laboratory work. Deposit \$5.00. *4 hours, second semester, at 10:00.*

6. **Quantitative Analysis:** Continuation of Course 5. Deposit \$5.00. *5 hours, first semester.*

7. **Quantitative Analysis:** Volumetric determinations. Deposit \$2.00. This course is given to pre-medical students only. *Once a week at 10:00, first semester.*

8. **Organic Chemistry:** This course will embrace a series of lectures upon the aliphatic hydro-carbons of the paraffin, olefine and acetylene series; also their derivations. The aromatic hydro-carbons and their derivations also will be considered. Deposit \$2.00. Text, Perkins and Kipping. *Every day at 8:00, first semester.*

9. **Organic Qualitative Analysis:** Analysis of alkaloids and organic acids. Deposit \$5.00. *Every day, second semester.*

BIOLOGY.

PROFESSOR VAN VLEET AND DR. UPJOHN.

Course 1, may not be counted towards a major.

1. **General Biology:** Introductory to both zoology and botany, and required as preliminary to all advanced work in biology. Two recitations and eight hours laboratory work per week.

The first half of the semester is devoted to unicellular and simpler forms of life; the latter half to a study of the chief types of structure of both plants and animals. Required of medical students, and optional with chemistry I for all other students. *5 hours, first semester, at 2:00.* Professor Van Vleet.

2. **General Anatomy, Human and Comparative:**

Course A—Lectures and recitations with demonstrations of models and dissections, covering the general features of human anatomy, taken with special reference to development, with comparative studies of vertebrate morphology, the osseous, nervous, circulatory, and respiratory systems. Must be preceded or accompanied by course 1. Required of medical students. Elective for other students who have had course 1. *4 hours, first semester.* Dr. Upjohn.

Course B—Continuation of Course A. *4 hours, second semester.* Dr. Upjohn.

3. **Anatomy of the Central Nervous System:** Lectures and text-book. The structure of the brain and spinal cord of man and the lower animals with special reference to development. This course includes the dissection of the brain of a higher mammal under the direction of the instructor. Required of medical students. Elective for other students who have had course 1. *2 hours, first semester.* Dr. Upjohn.

4. **Human Physiology:** Course A—Lectures, text-book and recitations. Foster, Kirbe, Landois and Stirling, American Text-book of Physiology, Stewart. Required of medical students. Elective for other students who have had course 1. *4 hours, first semester, at 8:50.* Dr. Upjohn.

Course B—Continuation of course A. *4 hours, second semester, at 8:50.* Dr. Upjohn.

5. **Practical Anatomy:** Course A—Dissection of the human body. *Afternoons of first and second semesters, 4 hours.* Dr. Upjohn.

Course B—Continuation of Course A. Must be preceded by courses 1 and 2. Required of medical students. Elective for other students. *4 hours.* Dr. Upjohn.

6. **Bacteriology:** Lectures and laboratory work. This course includes a detailed study of the more important forms of non-pathogenic and pathogenic bacteria, with methods for their isolation. Special attention is also given to the preparation of culture media, the examination of soils and water, and the testing of antiseptics, disinfectants, etc. Required of medical students. Elective for other students who have had course 1. *2 hours, second semester, at 8:00.* Professor Van Vleet.

7. **Normal Histology:** Lectures, recitations and laboratory work. Piersol's *Normal Histology*. Required of medical students. Elective for other students who have had course 1. *5 hours, second semester, at 10:00.* Professor Van Vleet.

8. **Vertebrate Embryology:** Lectures and laboratory work. The chick during the first four days is studied. Required of medical students. Elective for other students who have had course 1. *3 hours, first semester, at 8:00.* Professor Van Vleet.

9. **General Botany:** Lectures and laboratory work. A general survey of the histology and physiology of plants. Elective for students who have had course 1. *3 hours, second semester, at 2:00.* Professor Van Vleet.

GEOLOGY.

MR. GOULD.

The courses in Geology are elective and are offered primarily for students of the third and fourth years' standing. Course 1 is intended as a general culture course and is recommended for students in all departments. In general, courses 1 and 2 should precede course 3, although it is not required. Course 3 or its equivalent must precede courses 4, 5 or 6. Courses 1 and 2 will not be counted towards a major.

The class room work will be supplemented as far as possible by field excursions and museum work; the plan being to place the student in direct contact with geological problems, and to bring to his notice the more common physical phenomena.

In addition to the general library the private scientific library of Mr. Gould has been placed in the office of the Territorial Geologist and is available for the use of the students in science. In this library are included the annual reports of the U. S. Geological Survey, and the reports of the following state surveys: Kansas, Missouri, Iowa, Minnesota, Ohio, Texas and Indiana, besides the annual reports of the Bureau of Ethnology, Smithsonian Institution, United States National Museum, Missouri Botanical Gardens, etc. These, with the Transactions of the Kansas Academy of Science and numerous pamphlets and reprints concerning the geology of the western states, render it one of the best working geological libraries in the west. It contains between 500 and 600 volumes.

1. **Commercial Geography:** This course deals primarily with man as an inhabitant of the earth and his commercial and political relations and environments. Such themes as products, lines of transportation, markets, trade centers and educational institutions will receive attention. Lectures and assigned readings.

(a) Introduction and the geography of North America. 4 hours, first semester, at 8:50.

(b) The geography of South America, Europe, Asia, Africa, Australia and Oceania. 4 hours, second semester, at 8:50

2. **Physiography:** The physical forces that are in operation on the earth's surface are studied in connection with their

relation to present surface configurations. Particular attention is paid to earth sculpture, work of streams, glaciers, oceans, etc. Davis's *Physical Geography* and assigned readings. 4 hours, second semester, at 10:00

3. **Elementary Geology:** Dynamical, structural, physiological and historical geology. Text and lectures; collateral readings. 4 hours, first semester, 10:50.

4. **Economic Geology:** A study of the most common minerals and rocks; soils, water supply, building stone, etc., with particular reference to their occurrence in Oklahoma. Lectures, readings and field work. 3 hours, second semester, at 1:50.

5. **Geological Biology and Paleontology:** The study of organic forms and their natural succession, relation to environment, etc. Principles of organic evolution in their relation to geology. 2 hours, first semester, at 10:00.

6. **Advanced Geology:** Collateral readings, laboratory and field work. Open to those who have taken courses 3, 4 and 5. 2 hours, second semester.

7. **Mineralogy:** The principles of mineralogy with blow-pipe analyses. Laboratory work and lectures. 4 hours, first semester, at 2:00.

8. **Lithology:** A study of the mode of occurrence, composition and classification of rocks. Lectures and laboratory work. 3 hours, second semester, at 2:00.

Courses 1, a and b, 2, 3 and 4 will be offered during 1901-2. In addition courses 5 and 6 will be offered in 1902-3.

ENGINEERING COURSES.

Full courses are not as yet offered nor degrees granted along the lines of Civil, Mechanical, Mining or Sanitary Engineering. Nevertheless, by a proper choice of courses already scheduled here in the subjects of mathematics, surveying, graphics, chemistry, geology, mineralogy, German and French, students may find full equivalents for the courses as provided in the first two years at the best scientific and technical schools of the east.

Requirements for entrance upon such work are the same as for the College of Arts and Sciences. Students who are

suitably prepared and desirous of taking up work along these lines are advised to make choice of their courses as follows:

Mathematics, I, II a and b, III, IV.

Graphics, I, II.

Chemistry, I, II.

German, I, II, III.

French, I, II.

Geology, III, IV.

In general it is advisable for all those who can in any wise afford the time, to take this work as part of the usual four years under-graduate course.

For those who cannot give the full four years, the work may be completed in two years, as follows:

First Year.

First Semester, Mathematics I, 4; Chemistry I, 5; German I, 4; *French I or Graphics I, 4.

Second Semester, Mathematics, II a and b, 5; Chemistry I, 5; German II, 4; French II, 4, or Graphics II, 3.

Second Year.

First Semester, Mathematics III, 4; German III, 4; *Graphics I, or French I, 4; Geology III, 4.

Second Semester, Mathematics IV, 5; Graphics II, 3, or French II, 4; Geology IV, 3, or II, 4; electives to make 16 hours.

NOTE: The Mechanics of Engineering, Mathematics VII and VIII, cannot be given in the first two years of this course except to such students as enter with advanced credits in mathematics.

* The work in graphics being given at present only on alternate years may be made to alternate with the French, Geology or Chemistry. The completion of these courses in an acceptable manner will enable the student to finish his work for an engineering degree in two more years.

Medical Course.

DR. UPJOHN, DIRECTOR. PROFESSORS DE BARR AND VAN VLEET.

With the rapid growth of the Territory and of the University, there is an increasing demand for the establishment of professional departments in the University where students may fit themselves for professional work. The Medical Course as outlined aims to prepare the student for advanced standing in accredited medical schools. It will consist of a four years' course and a two years' course. The former may be taken in connection with the regular scientific course and leads to the degree of Bachelor of Science; the latter is independent of the College of Arts, and is offered to meet the needs of those who desire to devote their entire time to strictly professional studies. Upon completion of the work they will receive a certificate of standing. The course aims to cover the first two years of work as given by the best medical schools, and arrangements are being made to have the work accepted by the western Medical Colleges.

ADMISSION.

The four years' course is a part of the College of Arts and Sciences and leads to the degree of Bachelor of Science. Students are admitted on the same conditions as above. Those taking the two years' course, not candidates for a degree, before matriculation will be examined in the following subjects:

1. English: A composition of at least two hundred words on some subject of general interest. This will be criticised with reference to thought, construction, punctuation, spelling and handwriting.

2. Arithmetic: A thorough knowledge of common and decimal fractions, compound numbers, ratio and proportion.

3. Algebra: Such questions as will test the student's knowledge of the fundamental operations, factoring and simple quadratic equations.

4. **Physics:** Such questions as will test the student's knowledge of the elements of mechanics, hydrostatics, hydraulics, optics and acoustics.

5. **Latin:** An examination upon the work usually covered during the first year's study.

In place of this examination, students may present a certificate of graduation from a high school, normal school or academy of good standing; or evidence of having passed the entrance examination to a reputable literary or scientific college or university; or a state certificate to teach, granted by a state superintendent of public instruction.

FRESHMAN YEAR.

First Semester.

Biology: Lectures and laboratory work. 5 hours.

Anatomy: Course A. Human osteology; a thorough study of the bones of the human skeleton, with lectures, demonstrations and quizzes. 2 hours.

Course B. General anatomy, human and comparative; lectures. 3 hours.

Course C. Practical anatomy; dissections. Each student dissects the upper extremity with head, neck and thorax, or the lower extremity with the abdomen and pelvis, in the first semester. Accompanied by demonstrations and quizzes. 5 hours.

General Chemistry: Lectures and laboratory work. 5 hours.

Second Semester.

Anatomy: Course D. General anatomy; course B continued. Lectures and demonstrations. 4 hours.

Course E. Practical anatomy; course C continued. Dissection of one-half the body completed. 5 hours.

Histology: Lectures, recitations and laboratory work. 5 hours.

Bacteriology: Lectures and laboratory work. This course includes a detailed study of the most important forms of non-pathogenic and pathogenic bacteria, with methods for isolation. Preparation of culture media, examination of soil and water, and testing of antiseptics. 2 hours.

Qualitative Analysis: Laboratory work. 5 hours.

SOPHOMORE YEAR.

First Semester.

Organic Chemistry: Lectures and recitations; a study of elementary substances of the aliphatic and aromatic series of hydrocarbons and their derivatives. *5 hours.*

Quantitative Analysis: Lectures and laboratory work; volumetric determinations. *1 hour.*

Materia Medica and Pharmacology: Course A. Lectures and recitations with laboratory work. *4 hours.*

Embryology: Lectures and laboratory work; the chick during the first four days is studied. *3 hours.*

Physiology: Course A. Lectures and recitations. *4 hours.*

Anatomy of the Central Nervous System: Lectures and laboratory work; anatomy of the brain and spinal cord; dissection of the brain of sheep. *2 hours.*

Second Semester.

Physiological Chemistry: Laboratory work and lectures; physiological analysis. *5 hours.*

Materia Medica and Pharmacology: Course B. Course A continued. *4 hours.*

Physiology: Course B. Course A continued. Lectures and recitations. *4 hours.*

Surgical Anatomy: Recitations and demonstrations. *3 hours.*

Hygiene: Lectures and collateral reading. *4 hours.*

TEXT BOOKS.

The text books and works of reference recommended are given below. The first named author following each subject will be understood to have the preference.

Medical Dictionaries: Gould, Dunglison.

General Biology: Huxley and Martin, Parker and Haswell's Zoology.

General Chemistry: Remsen.

Qualitative Analysis: Prescott and Johnson.

Organic Chemistry: Perkins and Kipping.

Physiological Chemistry: Vaughan and Novy.

Pharmacology: Cushny.

Anatomy: Gray, Gerrish, Quain.

Surgical Anatomy: Morris, Treves, Hughes.

Histology: Piersol, Stirling.

Physiology: Stewart, Foster, American Text Book.

Embryology: Foster and Balfour, Hertwig.

Bacteriology: Muir and Ritchie, Abbott.

The laboratory fees and deposits for the various courses are as follows:

FEES.

Biology	\$ 1 50
Dissection, each course \$5.00, total	10 00
Histology	3 00
Bacteriology	3 00
Embryology	3 00

DEPOSITS.

General Chemistry	\$ 5 00
Qualitative Analysis	5 00
Physiological Chemistry	5 00
Quantitative Analysis	2 50

School of Pharmacy.

In the organization of this school the University has aimed to secure the co-operation of the pharmacists of the Territory. The prime object of the school is to furnish a foundation for the pursuit of the profession of pharmacy. The University does not demand practical experience for admission to the school but insists upon adequate preliminary training.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the School of Pharmacy should be eighteen years of age. They will be required to pass examinations in all subjects studied in the first two years of the Preparatory School, with the exception of Caesar and Plane Geometry. Physics will be added to the above requirements. Candidates may be excused from examination on the presentation of a satisfactory certificate from an accredited school stating that equivalent work has been done. Following are the courses required:

1. **English:** Courses 1, 2, 3 and 4 of Preparatory School.
Course 1. A review of English Grammar, *5 hours*.
Course 2. English Grammar reviewed.
Course 3. *Butler's School English:* Weekly themes. *5 hours*.
Course 4. American classics. Weekly themes. *4 hours*.

2. **Mathematics:** Courses 1, 2, 3 and 4 of Preparatory School.

- Course 1. Higher Arithmetic, completed and reviewed. *4 hours*.
- Course 2. Elementary Algebra, through factoring, G. C. D., L. C. M., and fractions. Sensenig's *Elementary Algebra*. *4 hours*.
- Course 3. Course 2 continued through the theory of exponents, quadratics, ratio and proportion, limits. *5 hours*.

3. **History and Civics:** Courses 1 and 2 of Preparatory School.

Course 1. United States History: Related readings. Johnston and McMaster. 4 hours.

Course 2. Civil Government and Constitution. Willoughby's *Rights and Duties of American Citizenship*. 4 hours.

4. **Natural Science:** Courses 1, 2, 3 and 4.

Course 1. Martin's *Human Body*, Briefer Course, with laboratory work. 4 hours.

Course 2. Botany: Gray's *Lessons*; laboratory work; each student to mount fifty specimens. 4 hours.

Course 3. Physics: Composition and properties of matter, laws of falling bodies, mechanical powers and heat as given in Gage's *Elementary Physics*; laboratory work. 5 hours

Course 4. Physics: Sound, light, heat and electricity; laboratory work. 5 hours.

5. **Latin:** Courses 1 and 2 of Preparatory School.

Course 1. Collar and Daniell's *First Latin Book*. 5 hours.

Course 2. Latin reader, continued. 5 hours.

NOTE: Candidates who lack in the above requirements can pursue the studies in the regular classes of the Preparatory School.

SPECIAL STUDENTS.

Students who desire to take special courses without doing the regular work can find opportunity to do so, and can also review work preparatory to taking the examination before the Board of Pharmacy to secure registration.

GRADUATION AND DEGREE.

Before receiving the diploma of graduation the candidate must have had not less than two years' store practice.

The degree of Pharmaceutical Chemist will be conferred upon students completing the requirements. A diploma fee of \$5.00 is required, to be paid not later than thirty days before commencement.

COURSES OF INSTRUCTION.

First Year, First Semester.

1. **Pharmacy:** Lectures and recitations with laboratory work. Remington's *Practice of Pharmacy*. Deposit \$1.50. *Every day.*

2. **General Chemistry:** Lectures and laboratory work. Deposit \$5.00. Text-book used, Remsen's *Chemistry*, *Briefer Course*. 5 hours.

3. **General Chemistry:** Laboratory work. Deposit \$5.00. Course 1 must precede this course or accompany it.

4. **Microscopy:** Examination of crude organic drugs for identification. Deposit \$2.00. Text-book used, Maisch's *Organic Materia Medica*, 3 hours.

Second Semester.

5. **Chemistry:** Qualitative analysis. Deposit \$5.00. Text-book used, Prescott and Johnson's *Qualitative Chemistry*. 5 hours.

6. **Quantitative Chemistry:** Volumetric and gravimetric determinations; lectures and laboratory work. Deposit \$5.00. 5 hours.

7. **Pharmacognosy:** Recognition of crude drugs and chemicals. Deposit \$2.00. Text-book used, Maisch's *Organic Materia Medica*. 3 hours.

8. **Pharmacy:** Pharmacopœial preparations, fluid and solid extracts, etc. Text-book used, Remington's *Practice of Pharmacy*. Deposit \$10.00. 5 hours.

Second Year.

First Semester.

9. **Materia Medica:** Medicines, their classifications, history, physiological effects and doses. Deposit \$2.00. Text-book, *U. S. Dispensatory*. 3 hours.

10. **Pharmacognosy:** Recognition of crude drugs, etc. Deposit \$2.00. Text-book, *U. S. Pharmacopœia*. 2 hours.

11. **Organic Chemistry:** A study of elementary substances of the aliphatic and aromatic series of hydrocarbons and their derivatives; lectures and recitations. Deposit \$2.00. Text-book used, Perkins and Kipping. 5 hours.

12. **Pharmacy:** A continuation of course 8. Deposit \$2.00. Text-book used, Remington's *Practice of Pharmacy*. 5 hours.

Second Semester.

13. **Materia Medica:** A continuation of course 9. Deposit \$2.00. Text-book used *U. S. Dispensatory*. 3 hours.

14. **Pharmacognosy:** Recognition of crude drugs. Deposit \$3.00. Text-book used, *The United States Pharmacopœia*. 3 hours.

15. **Organic Analysis:** With drug assaying. Lectures and laboratory work. 5 hours.

16. **Pharmacy:** Prescriptions, lectures and laboratory work. Deposit \$7.00. 5 hours.

17. **Toxicology:** A study of poisons; lectures and laboratory work. Deposit \$3.00. 2 hours.

TEXT-BOOKS USED.

Practice of Pharmacy, by Remington	\$6 50	\$7 50
General Chemistry, by Remsen.....		1 25
Organic Materia Medica, by Maisch.....		3 50
Qualitative Chemistry, by Prescott and Johnson.....		3 50
The United States Dispensatory	8 00	8 50
The United States Pharmacopœia		3 50
Organic Chemistry, by Perkins and Kipping		*2 00

LIBRARY AND EQUIPMENT.

The library contains suitable reference works on all the subjects offered in this department. The chemical and pharmaceutical laboratory contains all the crude organic and inorganic drugs of the pharmacopœia in suitable cases, so arranged as to be of free access to all the students of pharmacy who are classified in pharmacognosy and materia medica. Excellent collection of alkaloids and glucosides is also at the disposal of students of pharmacy and organic chemistry. The laboratory is provided with tables for seventy students. Each student has his own apparatus and is at liberty to work extra hours as his time admits, and when doing so can have personal attention by the instructors.

Preparatory School.

The work in this school is intended to prepare students for the regular college work. In addition to this it is intended to be a substitute for the college course for those who are unable on account of age or limited means to take the latter.

Students who are deficient in only one or two branches of the Preparatory School may, while finishing this work, take some college studies. But all of the required work of the preparatory course must be completed before a student is permitted to go on regularly into any university course. Those who do not expect to take a course in the University will be given such studies in the Preparatory School as they are able to pursue profitably.

ADMISSION.

For admission to the Preparatory School applicants must be at least fifteen years of age, and they should present a certificate of scholarship from their last instructor or the last school with which they were connected. They should be proficient in the ordinary course of study pursued in the public schools of the Territory, and especially in English grammar and arithmetic. No regular examination is required for admission to the classes of the first year, the student being admitted on trial; if he is not able to pursue the course successfully, he is required to withdraw. Students desiring to take the studies of the second or third preparatory year will be examined as to their ability to enter the classes of that year, unless they otherwise satisfy the committee on registration that they are qualified for such advanced standing.

GRADUATES FROM RURAL SCHOOLS.

It is desired to give the graduates from rural schools full recognition for the work they have done in completing the graded course of study. It is the purpose of the University to connect its work with the public schools and in no sense to duplicate their work.

At this time there are many young men and women who came to Oklahoma at a time in their school life when they were masters of the merest rudiments of knowledge and on account of the arduous labors and privations of making a new home have been unable to attend school or to study. They now find themselves grown to manhood or womanhood with the school attainments of children. To these we say, come to the University—we will give you work suited to your abilities and you will find sympathy and encouragement both from instructors and associates.

TUITION.

Tuition is free to all who have been residents of Oklahoma or the Indian Territory for one year. An incidental fee of three dollars a semester is charged, and in certain courses a small laboratory fee is required.

PREPARATORY REQUIREMENTS.

The preparatory courses required for admission to the freshman class in the courses leading to the several baccalaureate degrees offered in the College of Arts and Sciences are as follows:

- 1 course in United States History.
- 2 courses in General History.
- 1 course in Civics.
- 5 courses in English.
- 1 course in Arithmetic. (completed.)
- 3 courses in Algebra.
- 2 courses in Geometry. (plane and solid.)
- 1 course in Botany.
- 1 course in Physiology.
- 2 courses in Physics.
- 6 courses in Latin.
- 25 courses required.

To meet these requirements the work of the Preparatory School occupies three years called Junior, Middle and Senior, beginning from the tenth grade of the public schools.

COURSES OF STUDY.

History and Civics.

First Year.

1. **United States History:** Related readings. Johnston and McMaster. 4 hours.

2. **Civil Government and Constitution:** Willoughby's *Rights and Duties of American Citizenship*. 4 hours.

Third Year.

3. **General History to Medieval:** Myers. 5 hours.

4. **General History Completed:** Myers. 5 hours.

English.

First Year.

1. **A Review of English Grammar:** Maxwell. 5 hours.

2. **English Grammar:** Baskervill and Sewell. 5 hours.

Second Year.

3. **Elementary Composition:** First study of words, sentences and paragraphs together with figures of speech. Butler's *School English*; weekly themes. 4 hours, first semester.

4. **American Classics:** Brander Matthews' *Introduction to American Literature*, weekly themes. 4 hours, second semester.

Third Year.

5. **Rhetoric and Composition:** Genung's *Outlines of Rhetoric*, weekly themes. 3 hours, first semester.

6. **American Literature:** A careful study of three representative writers; weekly critiques. 4 hours, second semester.

Mathematics.

First Year.

1. **Higher Arithmetic:** Completed and reviewed. 4 hours.

2. **Elementary Algebra:** Through factoring, G. C. D., L. C. M., and fractions; Sensenig's *Elementary Algebra*, 4 hours.

Second Year.

3. **Algebra:** Course 2 continued through the theory of exponents, quadratics, ratio and proportion, 5 hours.

4. **Plane Geometry:** Beman and Smith, 5 hours.

Third Year.

5. **Geometry:** Review of portions of plane and completion of solid geometry; Beman and Smith. 4 hours.

6. **Algebra:** Partial review and continuation of course 3. 4 hours.

Natural Science.*Second Year.*

1. **Physiology:** Martin's *Human Body*, briefer course, with laboratory work. 4 hours.

2. **Botany:** Gray's *Lessons*; laboratory work—each student to mount fifty specimens. 3 hours.

Third Year.

3. **Physics:** Composition of matter, properties of matter, laws of falling bodies, mechanical powers, and heat, as given in Gage's *Elements of Physics*. Laboratory work. 5 hours.

4. **Physics:** Sound, light, heat, and electricity; laboratory work. 4 hours.

Latin.*First Year.*

1. Coy's *First Latin Book*; drill in the inflections; practice in writing easy Latin. 5 hours.

2. Coy's *Latin Reader*, continued. 5 hours.

Second Year.

3. Greenough's *Second Year Latin*; composition. 5 hours, first semester.

4. Course 3, continued. 4 hours, second semester.

Third Year.

5. **Cicero:** Select orations and letters, Kelsey's *Edition*; grammar, prose composition. 4 hours, first semester.

6. **Virgil:** Versification, grammar, prose composition. 4 hours, second semester.

Reading and Elocution.*First Year.*

1. **Reading:** With special work in voice placing and phonetic drill. *Evolution of Expression*, Vols. III. and IV.

Second Year.

2. **Elocution:** *Psychological Expression*, Vol. I.; Emerson's *Physical Training*.

3. **Elocution:** Together with a study of *Hamlet*. Delsarte feather movements and physical training. *Psychological Expression*, Vol. II.

Music.

First Year.

1. Natural music charts. Time devoted to learning the principles of music: notations, sight reading, tone forming and placing. *5 hours, first semester.*

2. Part singing; chorus work; study of folk songs and choruses from the oratorios. *5 hours, second semester.*

WORK OFFERED OUT OF COURSE.

In addition to the regular work as required above, the University offers to those who do not wish to fit themselves for entrance to the College of Arts and Sciences, an opportunity to do work in the following special lines:

1. In vocal and instrumental music; for specific statement of courses and tuition see under the heading, "School of Music."

2. In pharmacy; for a statement of courses and requirements, see under the heading, "School of Pharmacy."

3. In bookkeeping, typewriting and shorthand.

The work in this third field is not a part of the University, but is given to meet the needs of those wishing the so-called business training. At present the work is in charge of Mr. R. C. Cain, who offers the following courses.

I. Bookkeepers' Course.

1. A thorough training in double and single entry bookkeeping, wholesale and retail, and commission sets, and bank bookkeeping, according to the latest revised work by W. H. Sadler.

2. Commercial law: A drill on the law relating to contracts, bills and notes, agency partnership, corporations, common carriers, and insurance.

3. Arithmetic with special reference to interest and the applications of percentage.

4. Penmanship.

5. Spelling and letter writing.

Time required to complete, one semester.

II. Stenographers' Course.

1. Pernin's Universal Phonography, a light-line, non-position, non-shading, connective vowel system. Can be learned in about one-half the time required for any of the Pitmanic systems.

2. Typewriting.

3. Spelling and business letter writing.

Time required to complete, one semester.

COST OF BOOKS.

For bookkeepers' course	\$8 00
For stenographers' course	4 50

TUITION.

(To members of the University.)

Bookkeepers' course, per month	\$4 00
Stenographers' course, per month.....	4 00
Combined courses, per month.....	6 00
Penmanship, lesson each day.....	1 25

School of Music.

FACULTY.

GRACE ADALINE KING.....(Gottschalk Lyric School)
Director of School of Music.

FREDERIC MILLS ROSS.....
.....(Formerly Instructor Chicago Piano College)
Director Pianoforte and Harmony.

FLORENCE DUDLEY ROSS.....(Buffalo School of Elocution)
Lecturer on History of Music.
Private: Elocution, Oratory, Delsarte and Dramatic Art.

FRANK J. BEARDSLEY.....(Instructor in String Music)

BLANCHE MORGAN Accompanist

COURSES OF STUDY.

The work of the department divides into two distinct fields: that given in course for which no tuition is charged; that given out of course for which extra fees are required. The former is a part of the required work of the Preparatory School; the latter is wholly independent of other departments of the University.

Following are the prescribed courses of study:

I. Music in Course.

1. **Class A:** First principles of music, with sight-reading and chorus singing.

2. **Class B:** Continuation of Class A; part-singing, advanced theory and elements of harmony; thorough-bass; lectures upon present-day music.

NOTE: In addition to the regular work opportunity is offered to secure additional training, as follows:

A. **Choral Class:** Practice of glees, anthems, choruses and folk-songs. Open to all students; *twice a week.*

B. (1) **Ladies' Chorus.**

(2) **Male Glee Club.**

(3) **Orchestra and Mandolin Clubs.**

(4) **Male Quartette.**

(5) **Female Quartette.**

II. Music, Special or Out of Course.

PIANOFORTE DEPARTMENT.

The work falls into four courses covering seven grades.

1. **Preparatory Course:** Grades I and II: It requires at least one year to complete this course. The work is identical with work commonly done in first stages and comprises technical study and a thorough knowledge of the elementary principles of music.

2. **Teacher's Course:** Grades III, IV and V: The work consists of technical exercises, study of the muscles of the hand, wrist and arm and their development. The work in harmony must be completed before one can finish this course. The teacher's course commonly requires two years for completion.

NOTE: No pupil under fourteen years of age can enter this course.

3. **Artist's Course:** Grade VI: A thorough course in technique is given and the entering of it depends upon the ability of the pupil and the completion of the fifth grade. The full course in harmony is required before graduation and the pupils must, at the close of the year, present a recital program. This course comprises at least one year's work, over and above previous named courses.

4. **Graduate Course:** Grade VII: High ability is required to complete this course and the question of graduation is left entirely to the option of the director of pianoforte. Pupils completing this course must perform a concert to be selected by the director.

NOTE: The head of the department of piano may substitute or change the above studies to suit the needs of the individual pupil.

Reports will be given at the close of each term showing progression in technique, advancement in music, interpretation and conception; this report is to be signed by the parents and returned.

VOCAL DEPARTMENT.

1. **Preparatory Grade:** Placing of the voice, breathing exercises, comprehensive explanation of the vocal organs; blending of registers; scales, major and minor, dotted chromatic, etc.

Belinke's and Bonalde's *Studies*.

2. **Second Grade:** Garcia's studies and methods, Concone and Aprile. Also sacred songs in English and Latin. Del-sarte throughout the entire grade.

3. **Third Grade:** Concert selections from German and American composers; Marchesi, Lablache, and Panefka. One year of language, Latin, French, or Italian.

NOTE: Members of the graduating class must be able to play an accompaniment, and to read vocal music at sight. They must have studied harmony one year, and must have read musical history and musical literature.

The teacher's course in voice comprises the first three years; the full graduation or artist's course consists of the four year's course.

The special aim of the Garcia method used in this department of voice is first to develop the voice throughout its entire compass, then to perfect it. It teaches the proper use and extent of the registers of the voice, diaphragmatic breathing, and pure, flexible tones. The voice under this training increases rapidly in volume and compass, and the peculiarities presented by different voices are directed and modified each according to its own nature, without the use of any printed form.

DEPARTMENT OF STRING MUSIC.

Violin, Mandolin, Guitar, Banjo, Violoncello.

The work in this department is arranged in courses according to instruments, but a teacher's certificate of proficiency on any instrument, will be granted on compliance with the re-

quirements of the course for that instrument and by passing a satisfactory examination in the history of music. A course in harmony is advised for all pupils, especially for those contemplating a teacher's course.

VIOLIN—THREE YEARS.

The completion of two years work in violin with a satisfactory examination will admit the pupil to the teacher's course, after which a third year will be necessary for graduation.

The first year is devoted to scale studies and technic of instrument, easy solos and orchestra playing; second year to harmony, arranging, and different schools of velocity; third year to interpretation of the masters. A creditable work in concert must be given. Good accompanists are provided.

MANDOLIN—TWO YEARS.

First Year—Preparatory, technic, interpretation, orchestra playing and the completion of American conservatory mandolin method.

Second Year.—Solo playing and a thorough knowledge of the duo style of playing. A teacher's and graduate certificate will be given upon completion of the above studies.

GUITAR—THREE YEARS.

First year—Devoted to the American conservatory method, accompanying easy grade solos.

Second year—To Carcasa, including a thorough knowledge of his fifty etudes.

Third year—Newton's harmony for guitar, arranging for orchestra and solo playing. A graduate and teacher's certificate will be given upon completion of the above studies.

VIOLINCELLO.

Much the same course will be pursued as with the violin except that harmony must be included in this course.

BANJO.

As yet there has been no demand for instruction on the

banjo but provisions will be made upon application to Mr. Beardsley.

ORCHESTRA.

All pupils are admitted to orchestra free of charge and have the benefit of weekly rehearsals and occasional public appearance, making at least one lesson free each week.

HARMONY AND COMPOSITION.

Per term of 20 lessons.....	15 00
Harmony in class, per term of 20 lessons	10 00

ALL STRING INSTRUMENTS.

Per term of 20 lessons	\$15 00
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ELOCUTION—SPECIAL.

Per term of 20 lessons—1 hour.....	\$20 00
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(This work includes Delsarte.)

Per term of 20 lessons—one-half hour.....	10 00
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Per term of 20 lessons (Delsarte)—one-half hour.....	10 00
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CLASS—SPECIAL.

Per term of 20 lessons (Elocution and Delsarte)—1 hour....	\$15 00
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Per term of 20 lessons (Elocution)—one-half hour.....	7 50
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Per term of 20 lessons (Delsarte)—one-half hour.....	7 50
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GENERAL INFORMATION.

TEXT-BOOKS.

Voice: Concone, Bonaldi, Aprile, Behnke, Marchesi, Garcia.

NOTE: The instruction in pianoforte, harmony and composition, will be according to the most advanced methods of the leading conservatories of this country and Europe.

Prizes: Two gold medals are offered by the School of Music as follows:

1. The Ross Medal: To be awarded to the pupil who is pronounced by competent judges to be the most finished performer upon the pianoforte.

2. The Render Medal: Offered by Mr. Render of Norman to be awarded to the pupil standing first in a competitive examination in harmony.

No person who has won a medal will be allowed to compete a second time for the same medal.

Choral Union: A choral union has been established in Norman by the School of Music. The object of this organization is to create a musical interest in the town and to unite the talent of town and school. The works of the oratorios are studied.

TUITION.

PIANOFORTE.

Per term of 20 lessons\$15 00

VOICE.

Per term of 20 lessons..... 15 00

Regulations: Tuition must be paid in advance. All lessons missed are the loss of the pupil, except in cases of protracted sickness, in which case the lessons missed must be made up by the pupil before the close of the term. All lessons occurring upon legal holidays must be the loss of the pupil.

The duration of lessons will be thirty minutes, the full time of the lesson being devoted to interpretation. All work in technique will be free and will be done in classes.

The work in technique during the past year has been handled in classes and has proved so satisfactory that the same method will be used in 1901-02. The friendly competition inspired by class work, renders interesting, a study that is supposed by some to be dry.

HISTORY OF MUSIC.

The work in the history of music is given in the form of lectures, arranged in a two-years' course. No fees are charged. The outline of lectures is as follows:

First Year Course.

- I. Music of the Ancient World; B. C. 2000 to B. C. 160.
- II. Music in the First Ten Centuries of the Christian Era; A. D. 330 to 1000.

III. Musical Reform and Important Events from A. D. 1000 to 1500.

IV. Dawn of Modern Music; 1500 to 1600.

V. Beginning of Opera and Oratorios.

VI. Early Italian Composers; 1000 to 1900.

Second Year Course.

I. The Genius Epoch in the History of Music. The German Composers and their works.

II. Later Italian Composers and their works.

III. Great Singers of Early Times.

IV. The Talent Epoch; its Composers and their works.

V. The New Romantic School in Music.

VI. The Present; the Singers; the Pianists; the Orchestra; the Evolution of Music.

Roll of Students.

GRADUATE SCHOOL.

White, Paul J., (A. B., Southwest
Kansas College, Winfield, Kan.)
Botany and English - - - - - Norman.

COLLEGE OF ARTS AND SCIENCES.

Seniors.

Ferguson, Milton Jay - - - - - Norman.
Hefley, John Tillman - - - - - Norman.
Mackey, Paul Franklin - - - - - Pond Creek.
Roberts, Columbus Clifford - - - - - Deer Creek.
Samuels, Fantine Frances - - - - - Oakdale.

Juniors.

Barbour, Kate Clytie - - - - - Norman.
Bogle, Maxwell Clyde - - - - - Norman.
Gittinger, Roy - - - - - Norman.
Williams, Florena - - - - - Norman.

Sophomores.

Barnett, Rosa Margene - - - - - Norman.
Bell, Bessie Pearl - - - - - Norman.
Bucklin, George Augustus - - - - - Norman.
Butcher, John Towner - - - - - Rogers, Kans.
Crow, Ray - - - - - Deer Creek.
Drown, Helen Ober - - - - - Cleveland.
Edwards, Alba M - - - - - Augusta.
Edwards, Burt - - - - - Norman.
Gittinger, Mrs. Franc Oka - - - - - Norman.
Gordon, Newton Eddy - - - - - Pawnee.
Gorton, Willard Livermore - - - - - Pawnee.
Greenfield, LeRoy Bethuel - - - - - Watonga.
House, Virginia Ruth - - - - - Sac and Fox.
Hume, Raymond Robinson - - - - - Anadarko.
Kendall, William Leamon - - - - - Moore.
Rule, Maud - - - - - Kildare.
Vanderslice, Edward Moore - - - - - Union.

Freshmen.

Bell, James Ralph - - - - - Norman.
Choate, James Roy - - - - - Norman.

Green, Frederick Webb	- - - - -	Guthrie.
Hadsell, Sardis Roy	- - - - -	Norman.
Kirk, Charles Townsend	- - - - -	Oklahoma City.
Martin, Robert Clyde	- - - - -	Polk.
Miller, Lillie Kate	- - - - -	Norman.
Monroe, Florence Amanda	- - - - -	Norman.
Morter, William Arthur	- - - - -	Norman.
Parsons, Andrew Clarkson	- - - - -	Savonsburg, Kans.
Short, Harvey Lewis	- - - - -	Norman.
Utt, Gladdle	- - - - -	Oklahoma City.

Specials.

Ambrister, Maud Anna	- - - - -	Norman.
Berry, Cora	- - - - -	Cloud Chief.
Cain, Roy Clifton	- - - - -	Norman.
Catlett, Rosalind Conlay	- - - - -	Pawnee.
Choate, Joseph Lynn	- - - - -	Norman.
Edwards, Ellis Lincoln	- - - - -	Augusta.
Elliott, Hiram Woodward	- - - - -	Norman.
Erwin, Frantz Brandon	- - - - -	Wellston.
Ferguson, Burg	- - - - -	Norman.
Hefley, Mrs. Lora Sylvia	- - - - -	Norman.
Jenkins, Delbert White	- - - - -	Guthrie.
Lake, Margaret Ella	- - - - -	Pawnee.
Meeker, Mrs. Minnie Ella	- - - - -	Norman.
Overstreet, Clara	- - - - -	Norman.
Sarchet, Catherine	- - - - -	Guthrie.
Wherry, Willaim Anderson	- - - - -	Norman.
Wilson, Virgil Franklin	- - - - -	Pond Creek.

SCHOOL OF MEDICINE.

Applewhite, Gardner Henry	- - -	Tecumseh.
Bloss, Claud Marion	- - -	Kremlin.
Chesney, Thomas Arkansas	- - -	Norman.
Martin, Roscoe Lloyd	- - -	Shawnee.
Smith, John Leo	- - -	Norman.
Suman, Charles Conrad	- - -	Cushing.

SCHOOL OF PHARMACY.

II Year.

Bolend, Floyd Jackson	- - - - -	Kingfisher.
Brewer, Charles Milton	- - - - -	Carwile.
Campbell, Fred Dell	- - - - -	Watonga.
Chandler, Henry Anderson	- - - - -	Woodward.
Chandler, Lilly Eunice,	- - - - -	Woodward.
Chesney, Thomas Arkansas	- - -	Norman.
Courtney, William Solon	- - - - -	Quincy.

Hume, Raymond Robinson	- - - -	Anadarko.
Johnson, Oscar Warren	- - - -	Kingfisher.
Martin, William Thomas	- - - -	Pawnee.
Lindsay, Rea Deweese	- - - -	Norman.
McCartney, John James	- - - -	Kingfisher.
Montgomery, Harriet Evans	- - - -	Norman.
Northup, Don Alonzo	- - - -	Dover.
Smith, Albert Raymond	- - - -	Yukon.
Suman, Charles Conrad	- - - -	Cushing.
Tribbey, Thomas Henry	- - - -	Moral.
Vincent, John Burton	- - - -	Highland.
Wolcott, Constance Madge	- - - -	Chandler.

I Year.

Amis, William Brown	- - - -	Cheyenne.
Asbury, Benjamin Franklin	- - - -	Lexington.
Bickel, Arthur Franklin	- - - -	Ponca City.
Biggs, Winfield Scott	- - - -	Tecumseh.
Bryson, James Monroe	- - - -	Woodward.
Carson, Frank Leroy	- - - -	Shawnee.
Davis, Noah Benton	- - - -	Weatherford.
Davis, Robert Elonzo	- - - -	Woodward.
Dinkler, Frederick	- - - -	Hennessey.
Durham, Thomas Ewing	- - - -	Tecumseh.
Egbert, James Jay	- - - -	Chandler.
Grant, William Griffing	- - - -	Pawnee.
Mann, Frank Noah	- - - -	Newkirk.
Martz, Louis Melvin	- - - -	Watonga.
Mills, Nathan William	- - - -	Okeene.
Mooter, Lonzo	- - - -	Braman.
Nichols, Samuel Henderson	- - - -	McGee. I. T.
Owens, Ben	- - - -	Chandler.
Parker, Fred Wemple	- - - -	Oklahoma City.
Stidham, Stella	- - - -	McLoud.
Weiselogel, Julius William	- - - -	Newkirk.
Woodrow, William Atmore	- - - -	Pond Creek.

PREPARATORY SCHOOL.**Seniors.**

Arnold, Benjamin Walter	- - - -	Okarche.
Brooks, Marie Sylvia	- - - -	Chickasha, I. T.
Carter, Alberta Ethel	- - - -	Liberty.
Erwin, Para Fletcher	- - - -	Wellston.
Kelley, William Pliny	- - - -	Oklahoma City.
Kirkpatrick, Jesse Joel	- - - -	Union.
Larkin, Pierce	- - - -	Carwile.
Long, Charles Alexander	- - - -	Union.

Longnecker, Nancy	- - - - -	Cashlon.
Loomis, Adelaide Clara	- - - - -	Norman.
Loomis, Alta Vivian	- - - - -	Norman.
Medlock, John Charles	- - - - -	Norman.
Merkle, John Arthur	- - - - -	Norman.
Nance, Corrie Ellen	- - - - -	Lone Grove, I. T.
Pinnick, Addie Belle	- - - - -	Norman.
Reeds, Chester Albert	- - - - -	Norman.
Reeds, Clarence	- - - - -	Norman.
Spitler, Jennie Lillian	- - - - -	Thurston.
Tosh, Harry B.	- - - - -	Nardin.

Middle.

Alexander, Addie Mable	- - - - -	Norman.
Arnold, Samuel Lee	- - - - -	Omen, Texas.
Aston, Roscoe Conklin	- - - - -	Okeene.
Bell, Dot Vaughn	- - - - -	Norman.
Berry, Nellie Pattie	- - - - -	Pawnee.
Boyd, Mary Alice	- - - - -	Norman.
Burch, Edward Price	- - - - -	Norman.
Burch, Wyatt Pressly	- - - - -	Norman.
Campbell, Fleta Emma	- - - - -	Watonga.
Corn, William Ennis	- - - - -	Norman.
Cromwell, Fannie	- - - - -	Norman.
Davis, Charles Walter	- - - - -	Frisco.
Denison, Nora May	- - - - -	Norman.
Dillon, Lloyd	- - - - -	Zangwill.
Doty, Ethel May	- - - - -	Okarche.
Edwards, Annie Marindia	- - - - -	Coates, Kans.
Forrest, Randolph Joseph	- - - - -	El Reno.
Gill, Elmore Augustin	- - - - -	S. McAlester, I. T.
Haddix, Joel Francis	- - - - -	Norman.
Haddix, Rosa Dortha	- - - - -	Norman.
Harned, Chester Adair	- - - - -	Pond Creek.
Hubler, Joanna Mild	- - - - -	Ponca City.
Hurd, Georgia	- - - - -	Norman.
Hurd, Jennie	- - - - -	Norman.
Hurlbut, Edward Franklin	- - - - -	Chandler.
Jenkins, William Wilson	- - - - -	Guthrie.
Lemon, Daisy Emma	- - - - -	Coldwater.
Low, William Hancock	- - - - -	Pauls Valley, I. T.
Martin, Velma Mae	- - - - -	Norman.
McCoy, Frank Alexander	- - - - -	Sawyer, Kans.
McCoy, Clara Augusta	- - - - -	Norman.
Morgan, Blanche	- - - - -	Norman.
Owsley, Anna Mary	- - - - -	Pawnee.
Peebles, Mrs. Lillie May	- - - - -	Norman.
Piper, Frank Ward	- - - - -	Watonga.

Pitman, Clyde Green	- - - - -	Shawnee.
Quarles, Bessie	- - - - -	Norman.
Rice, Bernice	- - - - -	Norman.
*Ringo, Ollie May	- - - - -	Norman.
Ritter, Harvey Reuben	- - - - -	Lamont.
Stiles, Darwin	- - - - -	Rossville.
Stone, Ulysses Stevens	- - - - -	Jones.
Summers, Jesse J.	- - - - -	Medford.
Townsend, Ora May	- - - - -	Oklahoma City.
Trosper, Benjamin David	- - - - -	Oklahoma City.
Van Winkle, Gretchen	- - - - -	Shawnee.
Williams, Maibelle	- - - - -	Watonga.
Wilson, Harley Reed	- - - - -	Guild.
Wintin, Leota King	- - - - -	Norman.

Juniors.

Albright, William Oliver	- - - - -	Union.
Alden, Arthur M.	- - - - -	Norman.
Anderson, Henry Otis	- - - - -	Baker.
Austin, Charles	- - - - -	Altus.
Ayars, James Franklin	- - - - -	Chandler.
Ayres, Minnie Millicent	- - - - -	Norman.
Bailey, George W.	- - - - -	Altus.
Baker, David M.	- - - - -	Keokuk Falls.
Baker, Guy	- - - - -	Potter.
Beard, Ollie Logan	- - - - -	Roff, I. T.
Beaty, Ernest Frederick	- - - - -	Cheyenne.
Berry, Elsie Catherine	- - - - -	Pawnee.
Berry, Vida Estella	- - - - -	Pawnee.
Boughton, Pearl	- - - - -	Moore.
Bouldin, Eustace Vivian	- - - - -	Texmo.
Boydston, Leona May	- - - - -	Lexington.
Boydston, Minnie Belle	- - - - -	Lexington.
Brewer, Myrtle Maud	- - - - -	Norman.
Brillhart, Sarah Anna	- - - - -	Okarche.
Brown, Earl E.	- - - - -	Yukon.
Brown, Grace Gertrude	- - - - -	Norman.
Brown, Lottie Vera	- - - - -	Sulphur, I. T.
Browning, Bessie	- - - - -	Keokuk Falls.
Browning, Joanna Agnes	- - - - -	Keokuk Falls.
Burks, Roydon Elliott	- - - - -	Pauls Valley, I. T.
Burns, James Alfred	- - - - -	Kingfisher.
Campbell, Lema Georgia	- - - - -	Norman.
Cherry, Sidwell Louis	- - - - -	Wewoka, I. T.
Chesney, Coralie Maud	- - - - -	Norman.
Clement, Alexander Riley	- - - - -	Norman.
Clough, Bertha May	- - - - -	Carwile.

*Deceased.

Clough, Richard Arlington - - - -	Carville.
Cofer, Joseph Israel - - - - -	Altus.
Colbert, Harry - - - - -	Linden.
Corn, Lena Everet - - - - -	Norman.
Courtney, Orval Addison - - - - -	Quincy.
Cox, Orvil - - - - -	Norman.
Crouch, Harry - - - - -	Dibble, I. T.
Davis, Benjamin Franklin - - - -	Frisco.
Davis, Hugh Blaine - - - - -	Nardin.
Davis, Robert Wallis - - - - -	Frisco.
Dietrich, Burk Burnett - - - - -	Anadarko.
Dietrich, Thomas Merrill - - - - -	Anadarko.
Dillon, Oren V. - - - - -	Geary.
Dixon, Mettie - - - - -	Pawnee.
Douthitt, John Thomas - - - - -	Shawnee.
Douthitt, Lulu Volinde - - - - -	Shawnee.
Early, Thomas Jesse - - - - -	Norman.
Edwards, Ulysses Grant - - - - -	Coates, Kan.
Elledge, Irene Lillian - - - - -	Norman.
Flaughner, Roscoe Conklin - - - -	Cashion.
Fletcher, Margaret Jane - - - - -	Norman.
Fletcher, Ruth May - - - - -	Norman.
Forehand, Hugh Nealy - - - - -	Norman.
Furray, Henry Mounce - - - - -	Norman.
Furray, John Wesley - - - - -	Norman.
George, James Henry - - - - -	Oklahoma City.
Gibson, Myrtle - - - - -	Yukon.
Gooding, Charles Otis - - - - -	Norman.
Greer, Thomas Marshall - - - - -	Wolf City, Texas.
Guy, Nellie Baskett - - - - -	Norman.
Haddan, Ova Lee - - - - -	Bristow, I. T.
Hallmark, Rufus Elmore - - - - -	Norman.
Hannah, James Washington - - - -	Overbrook, I. T.
Harris, Grace Lillie - - - - -	Yukon.
Harris, James Lafayette - - - - -	Norman.
Harris, John Franklin - - - - -	Moore.
Harris, May Julia - - - - -	Yukon.
Harris, William Tankersley - - - -	Lexington.
Hart, Clark Thompson - - - - -	Eason.
Haynes, Dollie - - - - -	Norman.
Henderson, Jessie William - - - -	Thurston.
Henry, Kelly - - - - -	Rush Springs, I. T.
Higgins, Robert Walter - - - - -	Oklahoma City.
Hodges, Clay Mortimer - - - - -	McLoud.
Hoper, William Leonard - - - - -	Norman.
Horton, Mattie Edith - - - - -	Thomas.
Houska, Joseph Charles - - - - -	Kremlin.
Howse, Ella Virginia - - - - -	Altus.

Howse, Jessie Lee	- - - - -	Altus.
Hughes, Mary Anna	- - - - -	Norman.
Hughes, Nannie Leta	- - - - -	Norman.
Hullum, John Argo	- - - - -	Norman.
Hungerford, Leslie Vernon	- - - - -	Norman.
Hunker, Louis James	- - - - -	Quincy.
Hurley, Aaron Downs	- - - - -	Cloud Chief.
Hurley, Horace Jones	- - - - -	Cloud Chief.
Jack, Lenora Ethel	- - - - -	Norman.
Kay, Homer	- - - - -	Liberty.
Kelley, Clyde Frederick	- - - - -	Oklahoma City.
Kimble, Floyd Kinsley	- - - - -	Tonkawa.
Kimble, Forrest Franklin	- - - - -	Tonkawa.
King, Florence Maibelle	- - - - -	Wellston.
Kirkpatrick, Bertha	- - - - -	Shawnee.
Lacy, Bertha Alice	- - - - -	El Reno.
Lacy, Edith Flora	- - - - -	Sumner.
Lacy, Frederick Bradley	- - - - -	El Reno.
Lacy, Lizzie Grace	- - - - -	Sumner.
Leach, Charles Augusta	- - - - -	Norman.
Leach, Grace	- - - - -	Anadarko.
Leach, Nellie	- - - - -	Norman.
Lemmon, William Gladstone	- - - - -	Nardin.
Line, Sarah Ethel	- - - - -	El Reno.
Lowman, Charles Henry	- - - - -	Geary.
Lowther, Jesse Julius	- - - - -	Norman.
Lynch, Jasper Day	- - - - -	Norman.
Matthews, Margaret Freer	- - - - -	Norman.
Matthews, Nannie Maud	- - - - -	Norman.
Mays, Lillian	- - - - -	Norman.
McClain, Sarah Ann	- - - - -	Norman.
McKinney, Collin Joe	- - - - -	Marietta, I. T.
Medlock, William Glenn	- - - - -	Norman.
Merril, William Oliver	- - - - -	Norman.
Miller, Florence	- - - - -	Norman.
Mitchell, Fannie Ophelia	- - - - -	Yukon.
Mongold, Myrtle Osee	- - - - -	Lexington.
Mulcaron, Sadie Isabel	- - - - -	El Reno.
Nemecek, John	- - - - -	Wayne, I. T.
Nesbitt, Charles George	- - - - -	Watonga.
Nisbett, Robert Perry	- - - - -	Lexington.
Orf, Frank Casper	- - - - -	Norman.
Osborn, Delpha	- - - - -	Norman.
Osborn, Monroe	- - - - -	Norman.
Parrish, Alonzo Ezra	- - - - -	Cheyenne.
Patton, Jessie Pearl	- - - - -	Norman.
Paul, Sarah Elizabeth	- - - - -	Shawnee.
Pearson, Judd Ellis	- - - - -	Norman.

Peebles, Hilton Samuel	- - - - -	El Reno.
Peyton, Lillian Lilburn	- - - - -	Henrietta, Texas.
Poffenberger, Charles Alfred	- - - - -	Tonkawa.
Prater, Joseph Arthur	- - - - -	Norman.
Putnam, Oscar	- - - - -	Norman.
Pyles, Aaron Franklin	- - - - -	Oklahoma City.
Quarles, Frances Elma	- - - - -	Norman.
Quarles, William Randolph	- - - - -	Norman.
Randel, Claud Harry	- - - - -	Norman.
Reed, John Wilson	- - - - -	Chickasha, I. T.
Roberts, Lulu Jane	- - - - -	Red Rock.
Roberts, Lydia Elizabeth	- - - - -	Deer Creek.
Roller, William Eber	- - - - -	Norman.
Rose, Erma Rea	- - - - -	Chickasha, I. T.
Ross, Bessie Ethel	- - - - -	Norman.
Routon, Bessie	- - - - -	Shawnee.
*Ryan, Edward Stephen	- - - - -	Onyx.
Sanders, Albert Murphy	- - - - -	Eason.
Scherer, Charles D.	- - - - -	Pawnee.
Shaver, Ethel Blanche	- - - - -	Oklahoma City.
Shook, Christopher Henry	- - - - -	El Reno.
Short, Daniel Webster	- - - - -	Norman.
Smith, Elgin	- - - - -	Ada, I. T.
Smith, Roy C.	- - - - -	Norman.
Stone, Madison Harvey	- - - - -	Alvarado, Texas.
Storey, Jackson Hardy	- - - - -	Norman.
Stutsman, Jesse Meyer	- - - - -	Norman.
Swank, Ethel Augustine	- - - - -	Norman.
Theis, Henry William	- - - - -	Norman.
Teeter, Treva May	- - - - -	Norman.
Thomas, Fannie Nora	- - - - -	Geary.
Thomson, Nellie Madge	- - - - -	Norman.
Vanderford, Thomas Sylvester	- - - - -	Quincy.
Vanderslice, Robert Walker	- - - - -	Norman.
Weisenbach, Minnie Margaret	- - - - -	Moore.
West, James Lee	- - - - -	Bristow, I. T.
White, Frank Davis	- - - - -	Davis, I. T.
White, Garland James	- - - - -	Hess.
Williams, Estella	- - - - -	Norman.
Williams, Julia	- - - - -	Norman.
Wilson, James	- - - - -	Garber.
Wolf, Fannie	- - - - -	Davis, I. T.
Wolf, John Calvin	- - - - -	Davis, I. T.
Wolfrum, Stella Montra	- - - - -	Nardin.
Yeargin, Jasper Vardiman	- - - - -	Noble.
Young, Lockie Elizabeth	- - - - -	Cordell.

*Deceased.

SCHOOL OF MUSIC.

Alden, Yetta, p, m. - - - - -	Norman.
Ambrister, Maud Anna, p, h, m. - -	Norman.
Ayars, James Franklin, p. m. - - -	Chandler.
Beardsley, Mrs. Frank J., p. - - -	Norman.
Bell, Maud, p, h, m. - - - - -	Norman.
Bennett, Winifred Edith, v. - - - -	Norman.
Berry, Cora, m, a. - - - - -	Cloud Chief.
Berry, Nellie P., p, m. - - - - -	Pawnee.
Berry, Vida, g. - - - - -	Pawnee.
Beymer, A. O., g. - - - - -	Norman.
Bible, Mrs. T. A., g. - - - - -	Norman.
Boyd, Mary Alice, p. - - - - -	Norman.
Brown, Mrs Carl, p. - - - - -	Norman.
Brown, Grace, p. - - - - -	Norman.
Briggs, Ollie, p. - - - - -	Norman.
Burford, Oceola, g. - - - - -	Norman.
Burford, Mollie, m, a. - - - - -	Norman.
Campbell, Fleta, p, h, e, v, m. - -	Watonga.
Catlett, Rosalind, p, h, m. - - - -	Pawnee.
Capshaw, Euline, p. - - - - -	Norman.
Challice, Annie, v. - - - - -	Norman.
Clough, Bertha, p, m. - - - - -	Carwile.
Corn, Mrs. James W., m, a. - - -	Norman.
Choate, Lynn, p. - - - - -	Norman.
Cunningham, Grace, p, m. - - - -	Norman.
Dooland, Mrs. Janie, g. - - - - -	Norman.
Fisher, Jessie, v. - - - - -	Norman.
Forbes, Minnie May, p, m. - - - -	Norman.
Forbes, Ola, p, m. - - - - -	Norman.
Flehardy, W. H., v. - - - - -	Norman.
Fox, Jessie, m, a. - - - - -	Norman.
Graham, Hattie, v. - - - - -	Norman.
Graham, Callie, v. - - - - -	Norman.
Harris, Grace, v, m. - - - - -	Yukon.
Harris, May, v, m. - - - - -	Yukon.
Hefley, Nellie, h, m. - - - - -	Norman.
Hooper, Lulu, p, h, m. - - - - -	Norman.
Hughes, Lulu, p, h, m. - - - - -	Norman.
Hodges, J. T., v. - - - - -	Norman.
Henderson, Viola, g. - - - - -	Norman.
Hurley, Horace Jones, p. - - - - -	Cloud Chief.
Jarvis, Richard, p. - - - - -	Oklahoma City.
Jenkins, William Wilson, v. - - - -	Guthrie.
Jones, Mrs. Jim, p. - - - - -	Norman.
King, Florence, p, h, m. - - - - -	Wellston.
Kingkade, Martin, p, h, m. - - - -	Norman.

Lake, Margaret, p, h, v, m. - - - -	Pawnee.
Matthews, Nannie Maud, p. - - - -	Norman.
Matthews, Margaret F., p. - - - -	Norman.
Martin, Maud, v. - - - - -	Noble.
McClain, Edna Belle, o. - - - - -	Norman.
Meeker, Mrs. Minnie Ella, v, m, a. -	Norman.
McMakin, Florence, p, m. - - - -	Norman.
Monroe, Mary Ann, v, m. - - - -	Norman.
Morgan, Blanche, p, h, v, m. - - -	Norman.
Kimberlin, Ezelle B., m, a. - - - -	Norman.
Lowther, Junius, g. - - - - -	Norman.
Moore, Fannie, v, m. - - - - -	Norman.
Loomis, Adelaide, p, m. - - - - -	Norman.
Nance, Corrie Ellen, e. - - - - -	Lone Grove, I. T.
Owsley, Mary, p, m. - - - - -	Pawnee.
Pledger, Linda, p. - - - - -	Norman.
Poffenberger, Charles, p, h, m. - -	Tonkawa.
Prickett, Mrs. I. N., g. - - - - -	Norman.
Putnam, Oscar, m, a. - - - - -	Norman.
Rice, Bernice, p, h, m. - - - - -	Norman.
Roberts, Bessie, p, m. - - - - -	Deer Creek.
Roller, Eber, v. - - - - -	Norman.
Rose, Erma, m. - - - - -	Chickasha, I. T.
Sarchet, Catherine, p, m. - - - - -	Guthrie.
Thomas, Fannie, p, m. - - - - -	Norman.
Tucker, Eva, g. - - - - -	Norman.
White, Mary, p. - - - - -	Norman.
Williams, Mrs. Clarice, g. - - - - -	Norman.
Williams, Estelle, p, v, m. - - - -	Norman.
Williams, Katherine, p, h, m. - - -	Norman.
Wingate, Maud, p, v. - - - - -	Norman.
Woodrow, William, v. - - - - -	Pond Creek.
Urquhart, Mrs. R. H., v. - - - - -	Norman.
Yeargin, Polly, p, v, h, m. - - - -	Noble.
Young, Lockie, p, h, v, m. - - - -	Cordell.

GENERAL SUMMARY.

COLLEGE OF ARTS.

Graduate students.....	1	
Seniors.....	5	
Juniors.....	4	
Sophomores.....	17	
Freshmen.....	12	
Specials.....	17	
Pre-Medical.....	8	
		64

SCHOOL OF PHARMACY.

Second Year.....	19	
First Year.....	22	
		41

SCHOOL OF MUSIC.

Entire Enrollment.....	81
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PREPARATORY SCHOOL.

Senior.....	19	
Middle.....	49	
Junior.....	170	
		238
Total.....	424	
Repetitions.....	31	
Total Enrollment.....	393	





UNIVERSITY OF ILLINOIS-URBANA



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